Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

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Volume 150 No. 6 — Schnell Publishing Company, Inc., Publishers — August 5, 1946

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Thiamin	225	675
Riboflavin	105	315
Niacin	750	2250
Pantothenic Acid	195	575
Pyridoxine	45	135
Biotin	3.45	10.35
Folic Acid	33	99
Choline	5500	16500
Inositol	6500	19500
FLEISCHMANN'S YEAST EXTRACT TYPE 3		
Thiamin	1350	4050
Riboflavin	315	945
Niacin	2250	6750
Pantothenic Acid	675	2025
Pyridoxine	225	675
Biotin	3.75	11.25
Folic Acid	75	225
Choline	9750	29250
Inositol	4800	14400

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Oil, Paint and Drug Reporter

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ODT Car Loading Restrictions Reissued

OPD Washington Bureau

ODT orders 1 and 18A which seek to make full use of available freight cars by the imposition of strict loading requirements on the movement of less-carload shipments and carload freight have been revised and reissued by the Office of Defense Transportation to tighten their provisions and, of equal importance, to give notice to industry that these orders are still in effect and did not expire when war ended.

Officials of the agency report a growing laxity upon the part of shippers in making the fullest efficient use of rail facilities with the result that it has become a major contributing factor to the present shortage of freight cars. The feeling, they admit, is probably a natural consequence of the war and the lifting by ODT immediately thereafter of most of its orders, giving the impression that the agency was out of business.

They said that it is essential that this feeling be dissipated immediately for the good of all shippers concerned. The increasing number of cars that must go into the shops for repairs and the necessity of moving the vast supplies of perishable farm crops at this time of the year is taxing the available supply of cars to the limit, they added, with no improvement in sight.

The transportation shortage has become the No. 1 problem of the chemical industry, outranking even the shortage of steel drums which is most acute. Already a number of plants in the industry have been forced to shut down because of the shortage of cars for the movement of raw materials to them and processed materials from them.

It is generally believed that the railroad freight situation today is almost as bad as at anytime during the war. In some respects it might be considered even worse, because dur-

—Continued on page 47

Natural Gas Transport In Inch Lines Barred

OPD Washington Bureau

The War Assets Administration has agreed not to sell or lease the Big Inch and Little Inch pipelines for the transportation of natural gas without a specific authorization from Congress, according to Representative Francis E. Walter, of Pennsylvania.

The congressman said that he had received a letter from the agency promising to withhold action that makes the lines available for natural gas shortly before bids for disposal of the lines were opened July 31. Six proposals were received by the agency for purchase or lease of the lines, ranging from $70,000,000 to be loaned the bidder by the government, to $227,500,000 in cash.

Representative Walter has been fighting along with organized labor and the soft coal industry against the government turning over the lines for transportation of natural gas ever since the suggestion was first made that this use be made of them. In announcing receipt of the letter from the agency, Mr. Walter commented that he had won his fight.

Stripper Well Subsidy Payments Ordered

OPD Washington Bureau

Reconversion Director John R. Steelman has directed the Reconstruction Finance Corporation to pay stripper oil well subsidy premiums for the month of July 1946 at the rates in effect on June 30, 1946.

Mr. Steelman said the Reconstruction Finance Corporation and the Office of Price Administration are jointly preparing new regulations providing for the continuation of subsidy payments after August 1, 1946.

Reece Bill Shelved By Full Committee

OPD Washington Bureau

The Reece bill (H. R. 2390) to amend the Federal Trade Commission act to give courts the right of review of FTC findings and to end overlapping jurisdiction with the Food and Drug Administration on drug labeling was reported favorably to the house interstate and foreign commerce committee this week by the Sadowski subcommittee.

It was a hollow victory for the proponents of the bill, however, as it was promptly pigeonholed by the full committee because there was not time enough to seek its report to the house and be called up for passage before adjournment.

Importers Pricing Procedure Simplified

A simplification of pricing procedures for importers was announced July 3 by the Office of Price Administration. It will not affect present ceilings on imported items.

This amendment, effective July 31, makes it easier for importers to compute their prices and avoids the necessity of making applications for prices upon a number of commodities, OPA explained. A list of mark-ups has been included in the regulation on a series of commodities which may be used by all importers, regardless of whether they have previously sold these imported commodities.

Silver Legislation Signed by Truman

President Truman has signed legislation authorizing the Treasury Department to buy and sell silver at 90.5 cents an ounce. This measure provides for releasing government-owned silver, as well as giving silver miners a 19 cents an ounce increase on their production.

OPA Clarifies Contracts Made in Uncontrolled Period

The Office of Price Administration last week further clarified its policy regarding the status of contracts negotiated while price control was in abeyance. On July 27, after noting that a number of concerns had asked about the price status of items contracted for before resumption of price control on July 25, but not delivered before that date, OPA announced that "deliveries made after resumption of price control at prices in excess of seller's ceiling price at time of delivery constitute violations."

The problem has arisen as to whether goods have been "delivered" before or after the effective date. The same problem came up when the General Maximum Price Regulation was put into effect on May 14, 1942. The conditions under which "delivery" is presumed to have taken place which were described then are applicable to the situation arising from the resumption of price control on July 25.

That is, unless otherwise provided in the regulation involved, a delivery has taken place before the resumption of price control:—

1. If the goods have been delivered to a carrier not owned or controlled by the seller for transmittal to the buyer, or
2. If the goods have been segregated, identified and earmarked for the account of the buyer, and the risk of loss (as from fire, theft, etc.) has passed from the seller to the buyer. Evidence of the segregation, identifying and earmarking for the account of the buyer must be clear, or
3. If the buyer has actual physical possession of the goods.

OPA pointed out that if a delivery as described took place before the resumption of price control on July 25, then later payment of the purchase price does not constitute a violation.

OPA urged the trade in its consideration of questions relating to delivery to study carefully the regulation governing each particular commodity, since the language respecting "deliveries" is not the same in all regulations.

Gwynne Bill Drastically Modified by Senate

OPD Washington Bureau

The Gwynne bill (H. R. 2688) providing for a two-year statute of limitations for all civil actions seeking recovery of wages, penalties or other damages by private individuals was passed by the senate this week in a drastically modified form, but ran into vigorous opposition from the "liberal" bloc in the house with its fate still in doubt August 1.

The bill, which is one that has long been sought by businesses to close up loopholes in existing law which might make them subject to heavy damages for unwitting acts in years passed, was modified so drastically by the senate that about the only familiar feature left in it was its number.

Whereas the bill when it left the house applied a two-year limitations statute to every law which is silent on this point—this would have included the antitrust laws in particular—the senate limited its effectiveness solely to claims for damages under the wage-hour law and the Walsh-Healey government contracts act. And instead of a two-year statute of limitations, the senate made it three years.

Although sponsors of the measure expressed keen disappointment over the manner in which the bill had been changed by the senate, they expressed a willingness to accept the changes in the hopes that a more comprehensive statute could be enacted next session. They were blocked in their efforts in the house by the liberal group headed by Representative Vito Marcantonio of New York, however, who raised objections

—Continued on page 40

Alcohol Plants Disposal Sales Halt Approved

Committee approval of S. J. Res. 166 to delay disposal of the government grain alcohol plants and at least one of three styrene plants was voted this week by the house ways and means committee. The measure was reported to the house without amendment, but it was still awaiting floor action August 1.

The purpose of the legislation is to hold up the transfer of these plants to private hands until Congress can decide on a definite policy with respect to future use of the plants in connection with the synthetic rubber program. The bill also would extend the time during which industrial alcohol plants may produce sugars and syrups from surplus agricultural products until December 31, 1947. This authorization now expires February 1, next.

Interchemical Forms Paint Division

Interchemical Corporation has formed the Murphy Paint Division. This new division will distribute the 81-year old brand of Murphy household paints and specialties in addition to aircraft and automotive refinishing products and maintenance paints, which were added to Interchemical's products in 1944 with the acquisition of the Murphy Varnish Company.

The Interchemical Corporation will construct a new plant at Elizabeth, N. J., and additions to its existing plants as soon as building materials are available. Ray H. Sommer, a veteran of 27 years with Murphy, will be general sales manager of the Murphy paint division, reporting to Harry J. Hemingway, divisional president. John A. Hornaday will serve as executive assistant to Mr. Hemingway.

Labor Relations

Mitchell M. Shipman and Paul E. Anderson

Instalment VIII

Veteran Employee Seniority Versus Union Top Seniority

In our opening column (June 17) we discussed a recent supreme court decision (Fishgold case) denying super-seniority to the returning veteran employee. Can super-seniority be applied against the veteran? A recent lower Federal court decision focuses a reverse situation of interest to employers.

The problem involved arises where the union agreement has a provision giving union officials preferred seniority status. This is generally referred to in labor relations parlance as "top seniority." Under such a provision, the employees who serve as union officials are, during their term in office, placed at the head of the seniority list, regardless of their relative length of service. As such, they are the last to be paid off and the first to be recalled.

What happens in case of layoff of a returned veteran due to reduction of the working force? Supposing he has greater length of service than the employee who is a union official? What determines the relative seniority position of the two employees? Is it the top seniority provision of the union agreement or the length of service of the veteran employee?

Here the employer is indeed placed in a dilemma. Nor will this problem be a rare one, since many union agreements contain "top seniority" provision for union officials. An employer who guesses wrong may be charged with breach of the union agreement. He also may face a probable claim for backpay should it turn out that he chose the wrong employee in the layoff.

Veteran Upheld by Court

The recent decision of one of our Federal district courts in New Jersey (Gauweiler v. Electric Stop Nut Corp. —Court section 18 LRRM 2141) serves to shed some light on the answer to this problem. The judge in that case felt that the seniority rights granted to the veteran under the draft act cannot be infringed upon by any union agreement. Notwithstanding that the employer and the union agree to the contrary, the draft act prevails. To the extent that "top seniority," or for that matter any other provision of a union agreement, denies the veteran his full statutory rights, such provision becomes void and of no effect. The veteran computes his seniority from the date of his original hire and if such total length of service be greater than that of the union official, he prevails

—Continued on page 48

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals and related materials is currently as follows:—

Aug. 1, 1946	July 25, 1946	Aug. 3, 1945
136.9	138.7	134.0

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Some of the effects of the new OPA era became evident last week in the markets for chemicals, oils and drugs. In large part these were as difficult to understand as had been the uncertainty with which the preceding week closed. Restored ceilings and elevated ceilings appeared to know no brothers, and no general rule was applicable to their scopes.

According to expectable consequences of the revivification of part of the price-control scheme, the major trend of prices was downward. But, the list of advances was far from negligible, because the new scheme and some moves left over from the old one opened the way for lifts. The general average was substantially depressed.

Cottonseed, Soybean Prices to Be Discussed

OPD Washington Bureau

The procedure under which hearings will be held to determine whether or not grain, livestock, dairy products, cottonseed and soybeans will go back under price control August 21 were discussed at a meeting of the Price Decontrol Board with Price Administrator Paul Porter and the Secretary of Agriculture Clinton P. Anderson and their general counsels. The procedure for the hearings will be determined August 6, Roy L. Thompson, chairman of the Price Decontrol Board announced.

Dextrins, Cornstarch Ceilings Increased

Increased maximum prices for all bulk wet corn milling products, packaged corn starch and all blended syrups that are under March, 1942, freeze prices were announced August 1 by OPA. Only two consumer items are affected by this measure—packaged corn starch and packaged blended syrups—the prices of which will be raised substantially, OPA said. The amounts per hundredweight that may be added to billings for sales made on the basis of each of the increases in corn prices follow:—

	On or after May 20, 1946	On or after July 27, 1946
Cornstarch and dextrin products in bulk	$1.12	$2.77
Bulk cornsyrup, unmixed	.98	2.42
Cornsyrup solids in bulk	1.07	2.64
Crude cornsugar in bulk	.98	2.42
Refined corn syrup and dextrose in bulk	1.32	3.27
Packaged cornstarch	...	2.77

Petroleum Derivitives Advanced at West Coast

A West Coast producer of petroleum products last week increased by 1c. per gallon all prices on thinners, solvents, liquefied gases and gasoline, as a direct result of the increased postings for crude oil and natural gasoline.

Silver Bullion Up

Under the new law controlling silver bullion prices, the Treasury in the future will offer silver to industry at 91c. per ounce. Officially, the price is 90½c. to which ½c. is added to care for transportation costs.

Silver bullion prices were restored in New York promptly upon the President signing the bill. The official source for spot prices on bullion established a price of 90½c. per ounce in place of the former OPA price of 71.111c. Producers of silver nitrate repriced that item at 60c. per ounce minimum and ranged the market to 69¾c., according to quantity. Silver cyanide went to 60½c. and upward revision of prices for silver neucleinate and proteinate was expected.

P.A.'s-Eye View of Business

Composite view, August 4, of purchasing agents composing the Business Survey Committee of National Association of Purchasing Agents

Midsummer reports from industrial buyers indicate a very definite trend toward better business in general. There is an approximately 100 percent increase in reports indicating better business compared with the June survey. The general trend is encouraging, and there is very definitely a better feeling throughout industry.

Retail trade is holding well in spite of customer resistance to prices. There is an increased amount of consumer goods available, and many usable items are back on the shelves.

The wheels of industry are beginning to spin more freely. By the end of the year, it is thought, the availability of many items may be more nearly in line with demand—if labor does not interfere with production.

The settlement of many labor troubles appears to be a very definite factor contributing to better business conditions.

The limiting factor seems to be shortages of raw materials. Steel, copper, and lumber shortages are very critical and retard improvement in many lines.

Many buyers feel the improved volume of business will continue, and with the relaxation of price controls, profit margins will improve. There is no doubt that, if many industries could operate at or near capacity, the price situation, as well as supply conditions, would improve.

West coast buyers report general business unprecedentedly high, and look for this situation to continue.

In Canada, the pattern of large demand and difficult supply continues. Strikes in the rubber and steel industries are a major deterrent to good business.

Commodity Prices

Higher prices are reported on an increasing scale. Not a single lower price is noted, and all changes are upward. Many increases authorized by OPA are now coming through. Basically considered, however, many buyers feel that the brief elimination of OPA brought about no alarming rise in prices. Many producers held prices at OPA levels awaiting final legislative action.

However, buyers generally feel that, regardless of price control, price increases will be general for the balance of the current year at least.

Reports indicate that buyers believe the free prices usually were no higher than necessary to cover subsidies and black market prices. Many manufacturers avoided price increases when possible. This is a good sign.

West coast reports prices higher, but not as high as some publicity

—*Continued on page 41*

Surplus Chemicals Offered for Sale

OPD Washington Bureau

Nearly 10,000,000 pounds of dinitrotoluene and 7,000,000 pounds of hexachloroethane are being offered for sale by the War Assets Administration.

The DNT, costing the government approximately $666,000, is in three forms, all highly inflammable. Packed in 300-pound barrels it is being offered until August 21 at a fixed price of 5 cents per pound. Inventories are located at Birmingham, Ala.; Chicago, Kansas City, Louisville, Ky.; Nashville, Tenn.; Oklahoma City, and Richmond, Va.

The hexachloroethane, in the form of colorless crystals, is offered until August 21 on a sealed bid basis. It is located as follows:—Birmingham, 3,679,210 pounds; Little Rock, Ark., 1,040,990 pounds; New Orleans, 2,557 pounds; Richmond, 2,356,000 pounds, and Cleveland, 15,030 pounds.

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OPA Decontrols Certain Resin Products

OPD Washington Bureau

The Office of Price Administration announced, effective August 2, that price control has been suspended on resin in the form of monomers, polymers, copolymers, vinyl chloride, vinyl acetate, vinyl butyral, vinylidene chloride, styrene, as well as plastic materials containing 50 percent or more of these resins in the form of sheets, rods, tubes, and compounds for moulding and extrusion. The suspension does not apply to articles produced from these materials.

Dr. Jardine Retires From Agriculture Dept.

Dr. James T. Jardine, chief of the Office of Experiment Stations since 1931, retired from the Department of Agriculture July 31 and was succeeded by R. W. Trullinger, who has been assistant chief since August, 1938.

In addition to his regular duties as chief of the Office of Experiment Stations, Dr. Jardine served for about six years as director of research in the Department. In this capacity he represented the Secretary of Agriculture in setting up the four Regional Research Laboratories and the nine Bankhead - Jones Regional Laboratories.

Dr. Trullinger is a native of Iowa and a graduate of Iowa State College. Except for the period of about two years during World War I when he was in military service, Dr. Trullinger has been continuously employed in the Office of Experiment Stations since March, 1912.

C.L. Tebbe Appointed To Forest Service Post

Charles L. Tebbe has been made director of the Northern Rocky Mountain Forest and Range Experiment Station at Missoula, Mont., according to Lyle F. Watts, chief of the Forest Service, United States Department of Agriculture. He will assume his new duties September 1. Since July, 1943, Mr. Tebbe has been assistant regional forester in charge of the Forest Service Division of State and Private Forestry at Portland, Ore. The directorship became vacant early this month with the sudden death of Melvin I. Bradner, who had held the post since 1939.

Tidelands Bill Vetoed By President Truman

OPD Washington Bureau

President Truman last week vetoed the so-called tidelands bill (H.J. Res. 225) which called for the government to relinquish all claims to title to lands beneath tidal and navigable waters within the states.

Strong opposition to the bill came from both the Department of Justice and the Department of the Interior. In his message of disapproval, the President pointed out that a suit to settle the controversial question was now pending in the Supreme Court of the United States and that the decision of that body should settle the issue.

Interstate Oil Compact Group to Meet Aug. 8

The Interstate Oil Compact Commission will hold a meeting at the Pantlind hotel, Grand Rapids, Mich., August 8-10. Speakers will include:

An address by the Hon. Julius A. Krug, secretary of the Interior; address by Governor Harry F. Kelly of Michigan; "Michigan Oil aand Gas Development," by P. J. Hoffmaster, director of the Michigan Department of Conservation; "Secondary Recovery" by D. T. Andrus, Bradford, Pa.

Heyden Chemical Buys Memphis Phenol Plant

The Heyden Chemical Corporation, New York, has purchased a Memphis, Tenn., phenol, chlorine and caustic soda plant for $1,060,000, the War Assets Administration announced. The facility, leased by the Southern Acid & Sulphur Company during the war, had never been operated. The Heyden firm plans to produce phenol and related products.

Fats, Oils Relief Exports End Dec. 31

OPD Washington Bureau

Export shipments of fats, and oils from the United States for famine relief will be discontinued after December 31, O. W. Herrmann, chief of the fats and oils branch of the Department of Agriculture told the house committee on agriculture July 31.

Mr. Herrmann said that the prospective domestic shortage next year, amounting to approximately 600,000 pounds resulting from reduced oilseeds planting and declining tallow production this year, will make it impossible to continue famine relief fats and oils shipments upon completion of present commitments.

It is not anticipated that an embargo on all fats and oils exports will be put into effect next year, although a tightening up of restrictions are in prospect.

CPA Approves Plant Constructions

OPD Washington Bureau

The Civilian Production Administration has announced that its facilities review committee has approved the following applications for industrial construction:—

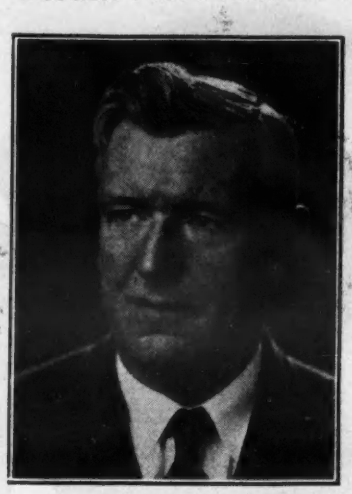
Dow Chemical Company, Midland, Mich., to construct building for the production of Saran polymer. Building $420,000, equipment $1,520,000.

Aluminum Company of America, Pleasant Valley, Iowa, plant for the manufacture of aluminum sheet and plate, $11,757,000.

Upjohn Company, Kalamazoo, Mich., for construction of foundations only, to protect excavation, $800,000.

Hercules Powder Company, Hopewell, Va., plant for the manufacture of chemical carboxy methyl cellulose, $212,965.

Borden Vice-President



W. F. Leicester, president of the Casein Company of America division of the Borden Company, has been elected a vice-president of Borden, and will have executive supervision of adhesives, including casein, and related activities. Mr. Leicester took charge of the glue division of the Casein company in 1923 and was named president in 1944. The Casein company became a division of Borden in 1929.

Truman Names Johnson, Clayton to New Posts

President Truman has nominated former Governor Keen Johnson, of Kentucky, to be Under Secretary of Labor. At the same time, he announced that William L. Clayton, Assistant Secretary of State, has been named to the new post of Under Secretary for Economic Affairs.

Monopoly Elimination Aimed In Drive by Eight Senators

OPD Washington Bureau

An antimonopoly act of 1947, representing the first comprehensive antimonopoly measure to be submitted to Congress since the Sherman antitrust law was enacted, was introduced in the senate July 26 by Senator Wayne Morse of Oregon. He was joined in the introduction of the bill (S. 2482) by seven other senators—George D. Aiken of Vermont, William Langer of North Dakota, James E. Murray of Montana, Hugh B. Mitchell of Washington, Glen H. Taylor of Idaho, Harley Kilgore of West Virginia, and Milton R. Young of North Dakota.

The legislation was described by its sponsors as the spearhead of a movement they hope to launch next year for a vigorous attack on monopolies, that will culminate in enactment of some overall program. Note was made that for years the platforms of both political parties have deplored monopolies and concentration of economic power and that President Truman in his measure opening Congress last January called for a coordinated overall antimonopoly policy.

Adequate Program Urged

The antimonopoly bill lays out a threefold strategic attack on monopoly and monopolistic practices. The first principle of the bill is that the government must have a consistent and coordinated program for dealing with monopoly. This has been lacking in the past, Mr. Morse said, the government being merely engaged in a series of isolated activities dealing with separate aspects of the problem. He explained:—

On one hand, the antitrust division and the Federal Trade Commission have been making sporadic attempts to break down monopolies and eliminate monopolistic practices. On the other hand, the various regulatory boards and commissions have operated on the assumption that monopolies and monopolistic practices in certain industries are to be regulated instead of eliminated. There has never been a real attempt to develop an integrated program for the Antitrust Division of the Department of Justice and the Federal Trade Commission, an integrated program for the various regulatory boards and commissions, or a program to coordinate the activities of the antitrust division and the Federal Trade Commission with the activities of the various regulatory boards and commission.

Public Control Advocated

Secondly, the antimonopoly bill sets forth a broad plan for the prevention or elimination of monopolies. This plan deals with cartels, discriminatory freight rates, patents, credit assistance for small and competitive business enterprises, adequate enforcement of the antitrust laws, and the functions of the Federal Trade Commission.

Thirdly, the bill covers the subject of obtaining effective public control, wherever necessary, of monopoly and monopolistic practices. It provides for coordination of the general policies of the various regulatory agencies, boards, and commissions that have already been established to regulate monopolies. It also provides for the presidential submission to Congress of additional plans for public control, either through regulation or ownership, whenever the President finds that a monopoly or a monopolistic practice cannot be eliminated and should instead be subjected to public control.

Carbon 14 Delivered For Private Research

OPD Washington Bureau

Delivery of the first radioactive isotopes for research work by private institutions was announced August 2 by the War Department. The first peacetime products of the government's huge atomic energy facilities at Oak Ridge, Tenn., were pea-sized units of Carbon-14, and the first recipient was the Barnard Free Skin and Cancer Hospital of St. Louis for use in the study of the processes by which cancer is produced.

Coincident with this announcement, and another War Department statement that Camp Upton on Long Island had been chosen as the site for a proposed new Northeast Laboratory for research, President Truman took control of atomic energy out of the army's hands by signing into law a bill creating a civilian-dominated commission to have exclusive control over nuclear fission.

The President said that he was not yet ready to name his appointees to the five-member commission but would do so as soon as all have accepted the appointment. Maj. Gen. L. R. Groves, commanding general of the War Department's Manhattan project for atomic development, said that the research program would be turned over to the commission whenever that authority was established.

Created in the chain-reacting

—*Continued on page 42*

Allied Chemical Names Emmerich President

H. F. Atherton, president and chairman of the board of the Allied Chemical & Dye Corporation, New York, since 1935, has retired as president but will continue to have general supervision of company affairs. F. J. Emmerich, formerly vice-president and controller, has been appointed president. E. W. Clark, vice-president, has been named a member of the executive committee.

Washington Talks It Over

The OPD Observer

Congress may or may not—it all depends upon how the antitrust division and OPA finally interpret the provision—have put a joker in the new price-control law in "liberalizing" the provisions to allow industries adjustments in their ceiling prices to take care of increased costs.

Authority is given industry advisory committees, under the law, to file petitions with OPA for price adjustments, but in so doing, Congress has specified that these applications must be accompanied by a comprehensive statement of costs and prices. The question arises, therefore, whether industry advisory committees can gather production cost figures without running afoul of the anti-trust statutes.

The Department of Justice isn't saying "yes" or "no." In answer to inquiries, it replies only that the question is one that has to be studied, although it is pointed out that the department never has in the past sanctioned the idea of such committees collecting such data. This definitely is violative of the controlling interpretation of the antitrust laws. But there is this to be considered:—The provision in the new price-control act is something that has occurred since enactment of the antitrust laws, and therefore it might be considered as a change in the law approved by Congress.

But even aside from the question of antitrust law violation, the fact that the applications for price adjustment must be accompanied by a comprehensive statement of costs, is almost enough to stop most industry advisory committees from seeking relief. When companies hesitate to supply even the government with their cost figures, as they have had to do in responding to questionnaires of OPA, it is not difficult to speculate about how they would feel toward supplying these figures to a group of their own competitors who make up the advisory committees.

Ceilings Are Uncertain

The absence of any policy statements or rulings from OPA on just what is exempt from price ceilings and what is not as a result of the senate provisions in the new price law exempting livestock, dairy products, and so on, from controls, at least until August 21, has created as much confusion in industry as any other one thing in the law.

It might be helpful to quote what the law says. This is it:—

No maximum price and no regulation or order under this Act or the Stabilization Act of 1942, as amended, shall be applicable prior to August 21, 1946, with respect to livestock milk, or food or feed products processed or manufactured in whole or substantial part from livestock or milk. . . .

As can be seen, Congress apparently intended to limit the suspension to those by-products of livestock and milk which are considered to be foods or feeds, and not extend the exemption to by-products of an industrial nature. The enforcement section of OPA is

—*Continued on page 36*

OPA Decontrol Board Sworn In

Members of the Price Decontrol Board are shown taking the oath of office. Standing left to right are George H. Mead, Roy L. Thompson, chairman of the new board, and Daniel W. Bell. The oath was administered by Justice Hugo Black.

Price Decontrol Board Starts Functioning

OPD Washington Bureau

President Truman's nominees to the Price Decontrol Board set up in the new price control law were confirmed by the senate July 29 without discussion and fewer than a score of members on the floor. The board, which held its organizational meeting the next day and will maintain its headquarters in the Federal Reserve Building here, is composed of:—

Roy L. Thompson, president of the Federal Land Bank of New Orleans, who was named chairman; Daniel W. Bell, former Undersecretary of the Treasury and now connected with the American Security and Trust Company of Washington, and George H. Mead, of Dayton, Ohio, chairman of the Mead Corporation, a pulp and paper company, also a member of the advisory board of the Office of War Mobilization and Reconversion.

The first major assignment of the board will be to decide by August 20 if meats, dairy products, grains, cottonseed, soybeans and hundreds of products made from them should be placed back under controls on that date. Before it makes any ruling on the affected commodities, however, it must hold public hearings to obtain the views of both consumers and industries involved.

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Dimethyl Itaconate

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1:4-Dioxanediol 2:3-Dicrotonic Ester

Resins—Copolymerizing agent (Brit. 534579) in making styrene copolymers which are clear, transparent solids having the general appearance and physical properties of polystyrene, soluble in aromatic hydrocarbons, and useful for making moulded articles, varnishes, lacquers, paints, and other coating compositions.

Hydroxylamine Acid-Sulphate

Analysis — Reagent and reducing agent in analytical processes.

Chemical—Reducing agent in organic syntheses.

Suggested for use in purifying and removing aldehydes and ketones, and in the preparation of—acid amides, antiseptics, barbituric acid derivatives, isoxazoles, metal complexes, nitriles, and pharmaceutical chemicals.

Dye—Suggested for use in dye manufacture.

Insecticide and Fungicide—Suggested for use in making insecticides.

Mining — Flotation agent in ore benefication processes.

Photographic—Suggested for use in making photographic chemicals.

Resins—Catalyst in resin manufacture.

Rubber—Accelerator in making rubber. .

Book Reviews

New Drugs, by Arthur D. Herrick, 303 pages, 9 x 6, Revere Publishing Company, New York. $4.00.

The purpose of this book is to provide the information which will enable those concerned in any way with drug therapy to become acquainted with the responsibilities involved in the release of new drugs to the public. Here the important facts are properly collected and presented in logical explanation; the result is a work that should be a "must" in the libraries serving drug manufacturing personnel, advertising counsel, the pharmacist and the physician. Ignorance of the law, and the practice under it, can now be no excuse; fortunately here is an adequate source of complete information concerning the laws and other procedures and devices set up to govern the proper use of drugs—agents which are intended to save lives but which by improper use may cause death.

Sales Promotion Head

Kenneth C. White, general sales manager of the Libbey glass division of Owens-Illinois Glass Company, Toledo, Ohio, has been appointed sales promotion manager of the company's glass container division, succeeding Howard A. Trumbull, resigned.

Fats, Oils Control For Paints Lifted

OPD Washington Bureau

The Department of Agriculture has suspended War Food Order 42a, which has controlled the use of fats and oils in the manufacture of protective coatings, floor coverings and coated fabrics since October 1, 1942. The suspension, decided upon after discussion with the industries controlled by the order and with interested government agencies, was in line with the practically unanimous recommendation of such industries.

American Chemical Society Activities

The division of paint, varnish and plastics chemistry of the American Chemical Society has changed the headquarters of its meetings during the society's annual convention in Chicago, September 9-13, from the La Salle hotel to the Morrison hotel. Members of the division are asked to request the Morrison when making reservations, or request transfer to the Morrison if reservations are already made.

The tentative program calls for a polymer forum to be held in cooperation with five other divisions on September 10 and 11. Twenty-two papers are scheduled to be presented at the forum.

The regular division meetings are planned for September 12 and 13, with ten papers dealing with coatings presented on the former day and six dealing with plastics on the following day.

Eighteen committees have been appointed by the Chicago section of the

—Continued on page 43

Kaiser Wilhelm Society Dissolved by Allies

The Allied occupation powers in Berlin have decided to dissolve the Kaiser Wilhelm Society, one of the world's leading research organizations. Some of the laboratories of the society's thirty-eight research institutes will be permitted to open for peaceful research, even though the society is dissolved.

Human Relations Head

Charles P. McCormick, president of McCormick & Co., food products and insecticide manufacturer, Baltimore, has been elected vice-president in charge of human relations in the national organization of the Society for the Advancement of Management. Mr. McCormick will direct a new phase of the society's activities in the field of human relations in industry, incorporating the organization's activity in personnel and industrial relations.

Farm Research Bill Goes to President

OPD Washington Bureau

House Bill 6932 providing for a broad program of research in production and marketing of agricultural products by the Department of Agriculture was sent to the White House for the President's signature July 30 when the house concurred in a number of minor amendments made to the bill earlier in the week by the senate.

The bill, which has the support of the department and each of the major agricultural organizations, authorizes an increased appropriation of $8,000,000 for the next fiscal year for research work by the department. Of this amount $2,500,000 is in addition to appropriations already authorized for work now going on in the department; $3,000,000 more is made available for research in utilization of farm products and $2,500,000 is authorized for research in marketing and distribution.

Wyandotte to Produce Organics

Wyandotte Chemicals Corporation plans to enter the organic chemicals field on a large commercial scale after producing inorganic chemicals and cleaning materials for more than fifty years, according to E. M. Ford, president. To achieve this purpose, the corporation plans to spend $25,000,000 for additions to its present plans within the next eighteen months.

Principal product of the new glycol unit will be a substantially pure grade mixture of ethylene and propylene glycols. This material is suitable for many of the uses in which ethyleneglycol alone has heretofore been used and in addition has some industrial applications of its own.

Other products of the glycol unit will include chloroethers, polyglycols, ethylene and propylene dichlorides and solvent naphthas. The plant will utilize a process not now in commercial operation and protected by patents owned by Wyandotte Chemicals Corporation. Principal raw materials will be petroleum, chlorine and lime, the two last mentioned being produced by the Wyandotte Corporation

Another organic chemicals plant included in the program is a large scale commercial unit to be completed in the Fall of 1947 for production of synthetic detergent. This new Wyandotte product will be of the alkyl aryl sulfonate type made by a process worked out by chemists and engineers in the Wyandotte research department during the past three years.

The expansion phase of the new construction program includes increased capacity for almost all of the company's alkali products. Soda ash capacity will be stepped up by 15 percent. The additional capacity will be by the ammonia soda process already used at Wyandotte but will include many process improvements worked out in the plant research department in recent years.

Chlorine capacity will also be increased. The chlorine expansion will exceed the additional requirements

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Association Meetings

American Association of Textile Chemists and Colorists, Statler hotel, Boston, December 12-15.

American Chemical Society, semi-annual meeting, Chicago, September 9-13.

American Forest Congress, Washington, D. C., October 9-11.

American Mining Congress, Denver, September 9-12.

American Pharmaceutical Association, William Penn hotel, Pittsburgh, Pa., August 25-30.

American Soybean Association, Jefferson hotel, St. Louis, August 29-31.

Associated Chain Drug Stores, New Yorker hotel, New York, September 16-18.

Federal Wholesale Druggists Association, Claridge hotel, Atlantic City, N. J., September 17-19.

Federation of Paint and Varnish Production clubs, Traymore hotel, Atlantic City, N. J., November 4-5.

National Foreign Trade Council, Waldorf-Astoria hotel, N. Y., November 11-13.

National Paint, Varnish and Lacquer Association, Traymore hotel, Atlantic City, N. J., November 6-8.

National Pest Control Association, Roosevelt hotel, New Orleans, October 28-30.

National Wholesale Druggists Association, Traymore hotel, Atlantic City, September 23-26.

Petroleum Chemicals Output Symposium Set

A symposium on the production of chemical products from petroleum raw materials will feature the Western convention of the American Institute of Chemical Engineers, which will be held at the Palace hotel, San Francisco, August 25-28.

A total of sixteen technical papers will be presented at the regular sessions. The subjects to be covered by the papers, and the companies whose representatives will present them, will include high-temperature pyrolysis control methods and product separation, United Gas Improvement Company; ethane-propane cracking, Stone & Webster Engineering Corporation; production of synthetic alcohol, Standard Oil Company of New Jersey; manufacture of allyl alcohol, Shell Development Company.

Also, production of cumene by vapor - and - liquid - phase alkylation processes, Shell Development Company; absorption and purification of HCl from chlorination of hydrocarbons, Dow Chemical Company; dimentionless groups and their use in unit operations, de Bataafsche Petroleum Company; catalytic desulphurization of high-sulphur stocks by the cobalt-molybdate process, Union Oil Company of California; laboratory corrosion testing, Shell Development Company.

Corrosion Problems

Also, case histories of some corrosion problems in chemical process equipment, International Nickel Company; unit operation of extractive distillation, Shell Development Company; design and operation of a light hydrocarbon distillation dryer, Califor-

—Continued on page 74

Shell Union Oil Names Legh-Jones Chairman

Sir Frederick Godber has resigned as chairman and a director of Shell Union Oil Company and has been succeeded as chairman by George Legh-Jones. Frank J. Hopwood, until recently president of the Asiatic Petroleum Corporation, who is now a managing director of the Shell Transport & Trading Company, was elected a Shell Union director to fill the vacancy created by Mr. Godber's resignation.

Sir Frederick had been a Shell director since 1922 and chairman since 1937. At one time he was president of the Shell Petroleum Corporation, St. Louis.

Oil Development Bill Passed by Congress

The conference report on the mineral leasing amendment act (S. 1236) has been approved by the senate and house and sent to the President for his signature.

The bill is the first comprehensive revision of the mineral leasing act since 1935 and is designed to stimulate the discovery of new petroleum reserves and promote development or oil and gas on the public domain.

Harshaw Research Head

Waldo C. Hovey has been elected vice-president in charge of research for the Harshaw Chemical Company Cleveland, Ohio.

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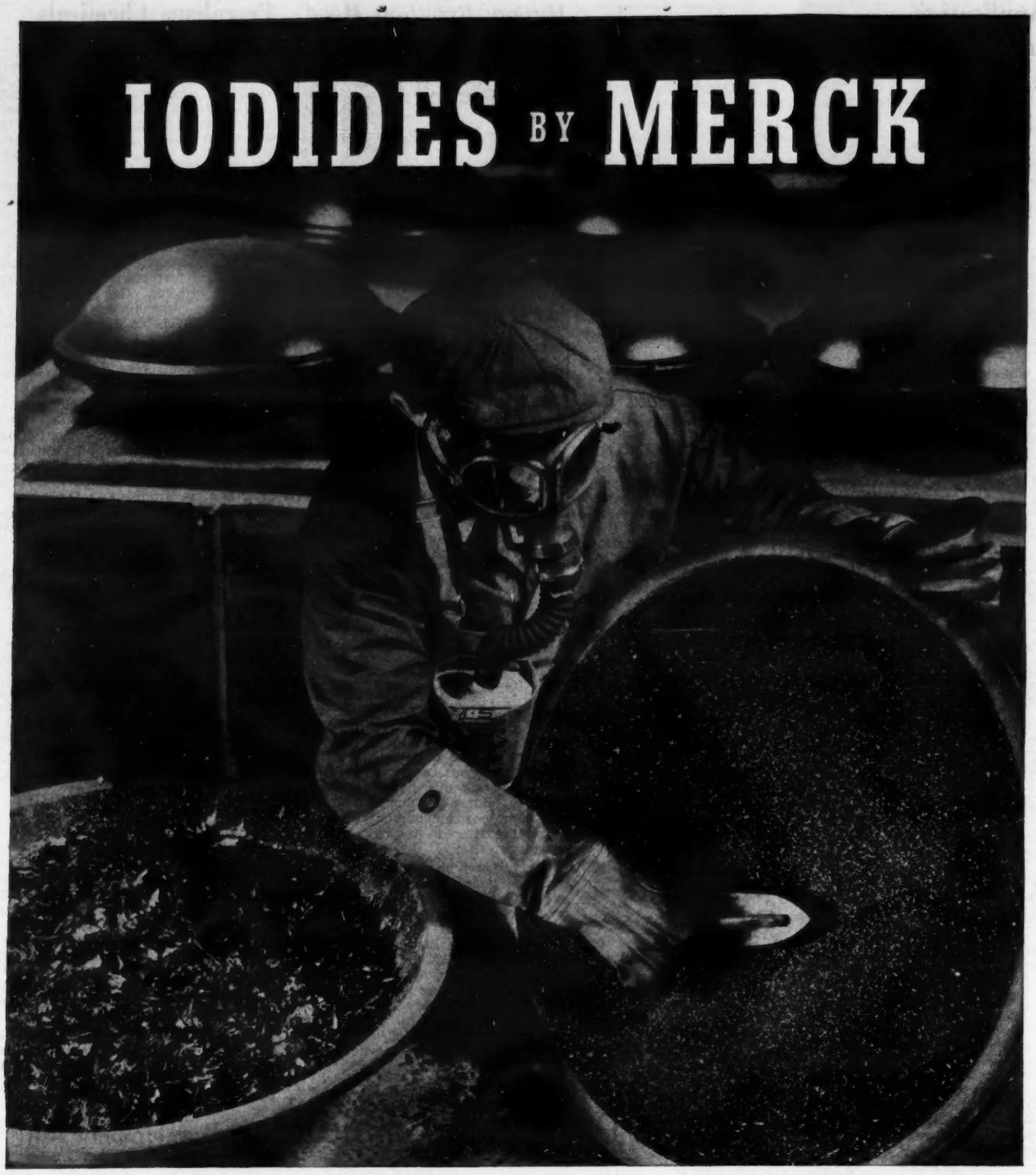

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Current Market Quotations Chemicals and Related Materials

August 1, 1946

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

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A

Acacia (see Gum, Arabic).

Acetaldehyde, 99%, dms., 55 gals., works..lb. .11 - —
5 and 10 gals., works....lb. .14 - —

Acetaldol (see Aldol).

Acetamide, CP, 5lb. dms., 5,000 lbs. a year, works..lb. .26 - —
smaller lots, works.....lb. .28 - .70
tech., 5lb. dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .59

Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls. .....lb. .27 - .29
USP, cryst., bbls. .....lb. .26 - .27
kgs. .....lb. .27 - .29
powd., bbls. .....lb. .34 - .35
kgs. .....lb. .35 - .37

Acetic anhydride, dms., c.l., frt. alld..lb. .11¼- —
l.c.l., frt. alld.....lb. .13 - —

Acetoacetanilide, bbls., dms...lb. .49 - .67

Acetone, CP,[1] dms., c.l., divd.lb. .07 - —
l.c.l., divd.....lb. .07½- —
tanks, divd. .....lb. .06 - —
Methyl (see Ml).

Acetonitrile, dms., c.l., works.lb. .35 - —
l.c.l., works .....lb. .40 - —
5-gal. lots, works.....lb. .45 - —
less than 5-gal. lots, works.lb. .50 - —

Acetophenetidin, USP, bbls., kgs., 1,000-lb. lots...lb. 1.00 - —
dms. .....lb. 1.06 - 1.10

Acetophenone, cns., dms.....lb. 1.50 - 1.75

Acetyl chloride, cbys., works.lb. .60 - —

Acid, abietic, doms., c.l., wks..lb. .07½- —

Acetic,[1] com'l or redist., 28%, bbls..100 lbs. 2.26 - 2.62
50%, bbls.....100 lbs. 3.58 - 5.88
70%, bbls.....100 lbs. 6.66 - 6.95
80%, bbls.....100 lbs. 7.47 - 7.73
99.5%, bbls.....100 lbs. 9.15 - 9.40
glacial, nat., c.p., dms., works, 100 lbs.12.50 -13.25
99.5%, bls. .....100 lbs. 9.15 - 9.40
tanks .....100 lbs. 6.98 - 7.25
synth., tech., bbls., works, 100 lbs. 9.15 - 9.40
dms., works ....100 lbs. 9.35 - 9.75
tanks, works.....100 lbs. 6.98 - 7.25
USP, dms., works.100 lbs.10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.00 - 7.25
80%, bbls.....100 lbs. 9.25 - 9.51
USP, 30%, cbys.....lb. .06 - .10

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic anhydride (see Acetic anhydride).

Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb. lots..lb. .45 - —
smaller lots.....lb. .48 - .59

standard USP, fine cryst., gran. (20-40 mesh), powd. (80 mesh), bbls., same basis. lb. .49 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Aminoacetic, USP, cryst., powd., bbls., frt. adjusted..lb. 1.25 - 1.30

Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —

Arsenous, tech. (see Arsenic, white).
USP, powd., dms., kgs....lb. .30 - .32

Ascorbic,[1] USP, dms., 500-kilo lots..kilo.24.50 - —
25-50 kilo lots.....kilo.25.00 - —
10-kilo lots.....kilo.25.35 - —
5-kilo lots.....kilo.25.70 - —
bots., kilo lots.....kilo.26.41 - —
500 grams.....kilo.27.47 - —

Battery, cbys., c.l., E. works.. 100 lbs. 1.90 - —
l.c.l., E. works.....100 lbs. 1.95 - 2.55

Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —

USP, bbls., 4,000 lbs. up..lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,000 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .58 - .59

Betaoxynaphthoic, bbls., works. lb. .95 - —

Boric, tech., 99.5% cryst. (same as prices for powder). gran., bgs., c.l., frt. alld.. ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton. 95.50 - —
powd., bgs., c.l., frt. alld.. ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld..ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —

USP $25 per ton higher.

Butyric, 99%, dms., c.l., works, lb. .29 - —
l.c.l., same basis.....lb. .30 - —

Broomer's, bbls.....lb. 1.11 - —

Acid, cacodylic, bots.....lb.13.50 -14.50
Camphoric, cns.....lb. 6.95 - 7.00
Caprylic, 99%, dms.....lb. No stocks
Capric, tech., ret. dms.....lb. No stocks
Castor oil,[1] split, ret. dms...lb. No stocks
Chlorosulphonic, dms., c.l., works..lb. .03 - —
l.c.l., works.....lb. .03½- .04½
tanks, works.....lb. .02½- —
Chromic, 99¼-99¾%, dms., c.l., lb. .17 - —
l.c.l. .....lb. .17½- .19
Cinnamic, refd., bots.....lb. 3.00 - 3.25
Citric, anhyd., gran., dms., c.l..lb. .22½- —
l.c.l., 10,000 lbs. 1 ship't, lb. .23 - —
smaller lots, bbls.....lb. .23 - —
dms. .....lb. .25½- .26½
kgs. .....lb. .24 - —
USP, cryst., gran., bbls., c.l., lb. .20 - —
l.c.l., 10,000 lbs. 1 ship't, lb. .20½- —
smaller lots, bbls.....lb. .21 - —
dms. .....lb. .23 - .24
kgs. .....lb. .21½- —
powdered citric acid, ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1] dist., dms.....lb. .17½- .19½
Corn oil,[1] s.d., dms., c.l., wks. lb. .12 - —
Cottonseed oil,[1] s.d., dms., c.l. lb. .12 - .13
tanks, divd.....lb. .11¼- .12¼
Cresylic, dom. coaltar, high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - .96
l.c.l., same basis....gal. .83 - .98
tanks .....gal. .75 - .90
Petroleum, heavy grade (247°-298°), dms., 20, Cal. ref..gal. .490 - —
Sewaren, N. J., ref.. gal. .616 - —
1-19, Cal. ref.....gal. .510 - —
Sewaren, N. J., ref.. gal. .636 - —
tanks, divd.....gal. .586 - —
light grade (200°-246°), tanks, Cal. ref..gal. .690 - —
medium grade (220°-246°), dms., 20, Cal. ref..gal. .50 - —
Sewaren, N. J., ref.. gal. .636 - —
1-19, Cal. ref.....gal. .570 - —
Sewaren, N. J., ref.. gal. .696 - —
tanks, divd.....gal. .646 - —
Crotonic, bbls., Canadian, wks. lb. .25 - —
Dichlorophenoxyacetic, 2lb. dms., c.l., works..lb. .80 - —
l.c.l., works.....lb. .85 - .95
Diethylbarbituric (see Barbital).
F (see Acid, monosulphonic).
Formic, 85%, cbys., c.l., wks.lb. .10 - —
l.c.l., works .....lb. .10½- .11
90%, cbys., c.l., works....lb. .10½- —
l.c.l., works .....lb. .11 - .11½
Fumaric, tech., bbls., dms..lb. .27 - .31
Gallic, NF V, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls. .....lb. 1.10 - 1.15
Gamma, bbls. .....lb. .55 - —
Gluconic, tech., 50%, bbls....lb. .12 - —
dmjn. .....lb. .21 - .23
kgs. .....lb. .14 - .15
Glutamic hydrochloride, dms., lb. 2.00 - 2.40
Glycolic (see Acid, hydroxyacetic).
H, bbls. .....lb. .43½- .46
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots. .....lb. 2.57 - —
57%, bots. .....lb. 2.90 - —
Hydrobromic, medicinal, 48%, cbys., divd. E...lb. .48 - —
tech., 48%, cbys., same basis, lb. .45 - —
34%, cbys., same basis.....lb. .35 - .37
Hydrochloric (see Acid, Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.00
NF, dilute, 2%, 5-lb. bots..lb. .30 - .34
Hydrofluoric, anhyd., cyls., wks. lb. .19 - .19¼
tanks, works .....lb. .16 - —
30%, rubber dms., works..lb. .08 - .09
48%, rubber dms., works..lb. .12 - —
52%, rubber dms., works..lb. .12¼- —
60%, rubber dms., works..lb. .13½- —
Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return, Phila..lb. .064 - —
tanks, Belle, W. Va., acid basis..lb. .06½- —
Hypophosphorous, USP, djns., lb. .75 - .77
Lactic, edible, 50%, cbys, 20 or more..lb. .12½- —
smaller lots .....lb. .13 - .13½
80%, bbls., 5 or less.....lb .24½- .24¾
plastic grade, 50%, bbls., cbys., 20 or more..lb. .14½- —
10 or less.....lb. .14¾- .15¼
80%, bbls., cbys., 5 or less, lb. .26 - .26¼
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works.... 100 lbs. 6.80 - —
l.c.l., bbls., works.... 100 lbs. 6.55 - —
cbys., works ....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works, 100 lbs. 2.90 - —
l.c.l., works....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XII, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .53 - .55

Acids, Laurent's, bbls.....lb. .45 - —
Lauric, dist., 95%, dms.....lb. .22 - —
Linseed oil,[1,7] light, dms...lb. 21½- .22
Maleic, powd., dms.....lb. .30 - —
Anhydride (see M).
Malic, powd., kgs.....lb. .47 - —
Mandelic, USP, dms., 1,000 lb. lots..lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.20
Mixed, tanks, nitric unit.....lb. .05 - .06
sulphuric unit.....lb. .0065- .009
Molybdic,[1] kgs., works.....lb. .95 - 1.10
Monochloracetic, tech., flakes, 96-97%, dms..lb. .16½- —
purified, flake, 99%, dms...lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., E. works....100 lbs. 1.75 - 2.45
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works.... 100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.22.00 - —
CP, USP, consumers, cbys. extra..lb. .06 - —
6-lb. bots., extra.....lb. .10 - —
dealers, cbys. extra....lb. .06½- —
6-lb. bots., extra.....lb. .08½- —
Myristic, dist., dms.....lb. No stocks
Naphthenic, 210-220 acidity, dms. extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —
230-245 acidity, dms., extra, works..lb. .12¾- —
tanks, works.....lb. .12 - —
Nicotinic, USP, dms., works... kilo. 6.00 - 6.50
Nicotinic amide (see Nicotinamide).
Nitric, 36°, cbys., c.l., E. works..100 lbs. 5.00 - —
l.c.l., 25, E. works.100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works....100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys. extra..lb. .13 - —
7-lb. bots., cs., extra..lb. .15 - —
dealers, cbys. extra....lb. .11½- —
7-lb. bots., cs., extra..lb. .13½- —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11½- —
smaller lots.....lb. .12½- —
Palm oil,[2] white, dist., dms.lb. No stocks
Para-aminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinemetasulphonic, bbls., works..lb. .80 - —
Peanut oil,[1] s.d., tanks, works. lb. .11¼- —
Phenylacetic, bots.....lb. 1.65 - 1.85
Phosphoric, food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., c.l., works, frt. equald..100 lbs. 4.25 - 4.60
l.c.l., works, frt. alld.. 100 lbs. 5.25 - 7.25
tankwagon, divd. N. Y., Phila. Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., c.l., works, frt. equald..100 lbs. 5.10 - 5.35
l.c.l., frt. alld....100 lbs. 7.00 - 9.00
tanks, works, frt. equald., 100 lbs. 4.00 - 4.25
tankwagon, divd. N. Y., Phila. Met. area..100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l.....lb. .10½- —
10 cbys. to c.l.....lb. .11½- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10½- —
25 cbys. to c.l.....lb. .11¼- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
dilut., 10%, cbys., djns...lb. .07 - .07½
Picramic, kgs.....lb. .95 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, dms., works..lb. .19½- —
tanks, works.....lb. .18½- —
Pyrogallic, tech., bbls.....lb. 1.45 - 2.00
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, dms., divd. E.. gal. .30 - —
Ricinoleic, com'l split (see Acid, castor oil, split).
Salicylic,[1] tech., bbls., c.l...lb. .32 - —
100 lbs. to c.l.....lb. .33 - —
smaller lots.....lb. .34 - .43
USP, bbls., c.l.....lb. .33 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44
Sebacic, tech., dms., c.l., works. lb. No stocks
Soybean oil,[1] s.d., dms., works. lb. .11¾- .16½
tanks, works.....lb. .11 - .15¾
Stearic,[1] double pressed, bgs., c.l., divd. E. Rockies..lb. .15¾- —
W. of Rockies.....lb. .16¾- —
Texas and Okla., divd. lb. .16¾- —
single pressed, bgs., c.l., divd. E. of Rockies..lb. .15¾- —
W. of Rockies.....lb. .15¾- —
Texas and Okla., divd. lb. .15¾- —
triple pressed, bgs., c.l., divd. E. of Rockies..lb. .18¾- —
W. of Rockies.....lb. .19¾- —
Texas and Okla., divd. lb. .19½- —

Stearic acid l.c.l. prices are:—Ton lots, ½c. per lb. higher; less than ton lots, 1c. higher.

Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l. .....100 lbs. 1.50 - 2.10
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works.... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
96°, tanks, works.....ton.17.50 - —

Acid, sulphuric, CP, USP, consumers cbys., extra..lb. .08 - —
9-lb. bots., cs. extra..lb. .10 - —
dealers, cbys. extra....lb. .06½- —
9-lb. bots., cs. extra..lb. .08½- —
fuming, 20%, tanks, E. works. ton.19.50 - —
Tannic, tech., bbls., dms....lb. .71 - .73
USP, fluffy, bbls., 1,000 lbs.. lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.39
powder, bbls., 1,000 lbs..lb. 1.13 - —
smaller lots.....lb. 1.15 - —
Tartaric,[1] USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .52½- —
smaller lots.....lb. .53 - —
kgs. .....lb. .53½- —
Thioglycolic, bbls., cbys., basis 100%..lb. 2.00 - 3.00
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.60 - 2.80
Tungstic,[1] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. kgs.....lb. 2.86 - —
Aconite leaves, bls.....lb. 1.10 - 1.40
Root, bls.....lb. 1.20 - 1.25
Aconitine, amorph., bots.....oz.23.00 -23.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -45.00
15-gr. vials.....vial. 1.60 - —
Acrylonitrile, dms., c.l., works. lb. .26 - —
l.c.l., works.....lb. .28½- —
tanks, works.....lb. .25 - —
Adeps lanae,[1] USP, anhyd., cosmetic, dms., works.lb. .30 - .32
pharmaceutical, dms., works. lb. .28 - .30
Agar .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 2.85 - 2.90
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .70 - .75
egg, edible,[1,7] powd., bbls.....lb. 1.94 - 2.02
granular, cryst., bbls.....lb. 1.89 - 1.97
tech., cryst., bbls.....lb. 1.05 - 1.50
Alcohol, allyl, dms., c.l., divd.lb. .21 - —
l.c.l., divd.....lb. .21½- —
tankcars, divd.....lb. .20 - —
Amyl ex pentane, dms., c.l., frt. alld. E. of Miss. R. lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
(see also Fusel oil, ref.).
Benzyl, cns.....lb. .90 - —
dms. .....lb. .65 - —
Butyl, normal,[1] ferment, ill., ind. prod., dms., c.l., frt. alld..lb. .25½- —
l.c.l., frt. alld. E....lb. .29 - —
tanks, frt. alld. E....lb. .24½- —
tankwagons, frt. alld..lb. .25 - —
other production, dms., c.l., frt. alld. E..lb. .1850 - —
l.c.l., frt. alld. E....lb. .2000 - —
tanks, frt. alld. E....lb. .1850 - —
synthetic, dms., c.l., frt. alld. E...lb. .11¾- —
l.c.l., frt. alld. E....lb. .13¼- —
tanks, frt. alld. E....lb. .10¾- —
Normal butyl alcohol prices in West, ½c. per lb. higher.
secondary, dms., c.l., divd.lb. .09½- —
l.c.l., divd. .....lb. .10 - —
tanks, divd. .....lb. .08¼- —
tertiary, denat., dms., c.l..lb. .12½- —
l.c.l., dms. .....lb. .13 - —
tanks .....lb. .11 - —
Capryl, dms., c.l., works..lb. .17½- —
l.c.l., works .....lb. .18½- —
tanks, works .....lb. .16 - —
Cetyl, dom., CP., fiber ctns., 1,000 lbs. lots.lb. 1.75 - 1.80
smaller lots .....lb. 1.95 - 2.30
Cinnamic, bots.....lb. 3.00 - 3.25
Denatured,[1,7] CD14, dms., c.l., works, E..gal. .613 - —
l.c.l., works, E.....gal. .633 - .638
tanks, E. divd. .....gal. .543 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 100 pf., dms., c.l., E. works..gal. .612 - —
l.c.l., works, E.....gal. .632 - .643
tanks, E. works.....gal. .542 - —
Anhydrous 5c. per gal. higher.
SD2B, dms., c.l., wks., E.gal. .60½- —
l.c.l., works, E.....gal. .62½- .65½
tanks, E. works.....gal. .55½- —
SD2BG, dms., c.l., works.gal. .652 - —
l.c.l., works .....gal. .672 - —
tanks, works .....gal. .562 - —
SD2BH, dms., c.l. .....gal. .61 - —
l.c.l., works, E.....gal. .63 - .65½
tanks, E. works.....gal. .54 - —
SD29, denatured, with acetaldehyde, dms., c.l., E. works, gal. .62 - —
l.c.l., works, E.....gal. .66½- .68½
tanks, E. works.....gal. .55 - —

When any of the several SD2B denaturants is supplied by the purchaser, the prices are the same as those for SD21 plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works, E..gal. .62 - —
l.c.l., works, E.....gal. .65 - .68
tanks, E. works.....gal. .56 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, dms., c.l., divd..lb. .11½- .14¼
l.c.l., divd.....lb. .12 - .15
tanks, divd.....lb. .10½- .13½
tech., dms., c.l., divd.....lb. .11 - .13½
l.c.l., divd.....lb. .14 - .15
tanks, divd.....lb. .10 - .12¾

Controls on Materials

Applications of CPA, OPA and WFA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling

[2]—Price agreement (sellers with OPA)

[3]—General Limitation Order

[4]—General Preference Order

[5]—Conservation Order

[6]—Allocation

[7]—War Food Order

Alcohol, ethyl, 190 pf., dms., c.l., works..gal.17.72½- —
l.c.l., works..gal.17.76 -17.79
tanks..gal.17.65½- —
absolute, dms., c.l., works.gal.18.67½- —
l.c.l., works..gal.18.71 -18.74
tanks..gal.18.60¼- —
Ethylhexyl, dms., c.l., works.lb. .24 - —
l.c.l., works..lb. .25 - —
tanks, works..lb. .23 - —
Furfuryl, tech., cns., works.lb. .35 - —
dms., c.l., works..lb. .22½- —
l.c.l., works..lb. .25 - —
tanks, works..lb. .19 - —
Isoamyl (see Carbinol, isobutyl).
Isobutyl, refd., dms., works..lb. .0660- —
tanks, works..lb. .0760- —
Isopropyl, refd., 91%, dms., incl., c.l., divd..gal. .38 - —
l.c.l., divd..gal. .41 - —
tanks, divd..gal. .31½- —
99%, dms., incl., c.l., divd..gal. .41½- —
l.c.l., divd..gal. .44½- —
tanks, divd..gal. .35 - —
Methyl (see Methanol).
Methylamyl (see Carbinol methylisobutyl).
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, dms..lb. 2.30 - 2.75
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .55 - .70
type B, fiber-pack, same basis..lb. .60 - .62
Propyl, normal, dms., works.gal. .67 - —
smaller containers, works, gal. .62 - —
tanks, works..gal. .60 - —
Tetrahydrofurfuryl, cns., Cedar Rapids, Ia..lb. .55 - —
dms., c.l., Waverly, N. Y..lb. .40 - —
l.c.l., same basis..lb. .50 - —
Aldol, dms, works..lb. .13 - .15
denaturing grade, dms..gal. 1.20 - —
Aletris root, bgs..lb. 2.25 - 2.30
Algarobilla,[1] c.l., ex dock, long ton.80.00 -83.30
Algarobilla price based on ocean frt. at $12 and $1 insurance per long ton.
Algin, bbls., fib. dms..lb. .76 - 1.00
Alizarin (see Red, alizarin).
Alkanet, root, bgs..lb. .85 - .90
Allspice,[1] Mexican, futures, bgs. lb. .26 - .26½
Allyl bromide, cbys., 5,000 lbs., works..lb. .90 - —
smaller lots, works..lb. 1.05 - 1.10
Chloride, dms., c.l., divd..lb. .13¼- —
l.c.l., divd..lb. .14 - —
tanks, divd..lb. .12½- —
Aloe, Cape, cs..lb. .42 - .43
Curacao, kgs..lb. .42 - .43
Socotrine, kgs..lb. .47 - .49
Aloin, bbls., dms., kgs..lb. 4.50 - 4.80
Alphanaphthol, bbls..lb. .32 - —
Alphanaphthylamine, bbls..lb. .32 - —
Alphanaphthylthiourea, fib. dms., works, frt. alld..lb. 4.00 - 4.40
Alphapicoline, ref., dms., works, frt. equald..lb. .23½- .28¼
Alphapinene, from gum turpentine, dms., c.l., wks..gal. 1.02½- —
l.c.l., works..gal. 1.04½- —
tanks, works..gal. .99½- —
from steam-distilled wood turpentine, tanks, works..gal. .71½- —
Alphaterpineol, dms., c.l., works. lb. .1340- —
l.c.l., works..lb. .1390- —
tanks, works..lb. .1300- —
Alphaxocopherol, amp..gram. 1.00 - 1.10
Althea root, NF, peeled, bls..lb. .55 - .60
Alum, ammonia, burnt, USP, bbls., kgs..lb. .13 - .13
gran., bbls., works..100 lbs. 4.00 - —
divd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works..100 lbs. 4.25 - —
divd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works..100 lbs. 4.40 - —
divd., N. Y., Phil..100 lbs. 4.40 - —
Potash, gran., bbls., works. 100 lbs. 4.25 - —
divd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works..100 lbs. 4.50 - —
divd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works..100 lbs. 4.65 - —
divd., N. Y., Phil. 100 lbs. 4.65 - —
Potash-chrome, bbls..lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., divd..100 lbs. 4.25 - 5.00
Alumina, classified, grade, ground, kgs., works..lb. .35 - .67
top grade, ground, kgs., works. lb. .60 - .67
unclassified, ground, kgs., works..lb. .10¼- .40
Acetate, basic solution, 24%, bbls., l.c.l., works..lb. .09½- .10
20%, bbls., l.c.l., works..lb. 08½- 09
Chloride, anhyd., com'l, dms., c.l., works..lb. .09 - .11
l.c.l., works..lb. .09 - .12
cryst., com'l, dms., c.l., works. lb. .09 - —
l.c., works..lb. .08½- .09¾
solution, 32 deg., cryst., c.l., works..lb. .02¾- —
l.c.l., works..lb. .03¼- —
Fluoride, tech., bbls..lb. .25 - —
Formate, solution, 12-20° Be, bbls., c.l., works, f.o.b. equaled Phila. and Chi..lb. .09½- —
l.c.l., works, same basis. lb. .10 - —
Hydrate, heavy bgs., c.l., works. lb. .024 - .031
l.c.l., works..lb. .035 - .040
light, bgs., divd..lb. .14½- —
bbls., divd..lb. .15 - —
Hydroxide, gel, tech., min. 15% Al (OH)₃, dms., 10,000 lbs. or more, f.o.b. ship't point..lb. .03 - .03¼
ton lots, same basis..lb. .03¼- .03½
smaller lots, same basis. lb. .03¾- .04
9-9½% Al_2O_3, fib. dms., works..lb. .17¾- —
contract, works..lb. .16¾- —
14-15% Al_2O_3, fib. dms., works..lb. .20¾- —
contract, works..lb. .19¾- —
dried, USP XII, fib. dms., works..lb. .78 - —
contract, works..lb. .75 - —
powder, tech. (see Alumina hydrate).
USP IX, bbls., dms..lb. .15 - .17
Laurate, precip., bbls..lb. .26 - .28
Naphthenate, 1.7% Al, 50-gal. dms., works..lb. .18¾- —
Oleate, dms., contract..lb. .24½- —
Resinate, precip., dms..lb. .19¼- —
Stearate, precip., ctn., c.l...lb. .27½- —
l.c.l..lb. .28½- —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - 1.20
l.c.l., works, frt. equald... 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.40
l.c.l., works, frt. equald. 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works, 100 lbs. 1.75 - —
l.c.l., works..100 lbs. 2.00 - —
Trihydrate, heavy (see Alumina hydrate).
Aluminum, 92-99%, c.l..lb. .15 - —
l.c.l..lb. .16 - .16
paste, lining, extra fine, 200-lb. dms..lb. .56 - .60
ink., 150-lb. dms..lb. .71 - —
standard, 200-lb. dms..lb. .58 - —

Aluminum powder, lining, extra fine, 150-lb. dms..lb. .93 - —
litho, 150-lb. dms..lb. .60 - —
standard, 200-lb. dms..lb. .62 - —
rubber comp., 200-lb. dms..lb. .42 - —
unpolished, stand., dms..lb. .38 - —
varnish, stand., 300-lb. dms., lb. .42 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. per lb. for 50-lb. dm., 2c. per lb. for 10-lb. can, and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 20,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris, gray, tins..oz. 8.75 -12.00
Aminoethylpropanol, cns., dms., works..lb. .50 - .60
Aminopyrine, bots., dms..lb. 4.00 - 4.40
Ammonia acetate, reagent, crystals, bbls..lb. .34 - —
purified, bbls..lb. .32 - —
Anhydrous, fertilizer, tankcars, works, frt. equald..ton.59.00 - —
pure, cyls..lb. .14½- —
refrigeration, tanks, works.. ton.61.50 - —
Aqua, 26°, cbys..lb. .05¼- —
dms., c.l..lb. .02½- —
l.c.l..lb. .02¾- —
tanks, works (NH_3 content). ton.65.00 - —
Benzoate, USP, dms., kgs., 4,000 lbs., up, frt. alld..lb. .43 - —
smaller lots, frt. alld..lb. .44 - .47
Biborate, gran., bbls., N. Y. or Chi..lb. .1515- —
Bicarbonate, dms., c.l..lb. .0564- —
Bichromate, bbls..lb. .23 - .25
Bifluoride, bbls..lb. .15 - .15¼
Borate, gran., bbls., kgs..lb. .1080- —
powd., bbls., kgs..lb. .1130- —
Bromide, gran., NF, bbls..lb. .28 - —
dms..lb. .29 - —
Powdered ammonia bromide 10c. per lb. higher.
Carbonate, USP, lump, dms..lb. .08¼- .09¼
cns..lb. .14¼- .17½
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms., kgs.. lb. .13 - .15
Citrate, dibasic, bbls..lb. .75 - —
dms..lb. .80 - .85
Fluoride,[6] bbls..lb. No stocks
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms..lb. 1.25 - 1.27
jars..lb. 1.30 - 1.35
Iodide, NF, bots..lb. 3.71 - —
jars..lb. 3.65 - —
Linoleate, 80%, anhyd., bbls..lb. .12 - —
Molybdate,[6] c.p. cryst., kgs..lb. 1.26 - 1.35
fine cryst., bbls., kgs..lb. .84 - .87
purified, dms..lb. 1.10 - 1.12
Nitrate,[1] fertilizer grade, Canadian, 32.5% nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate, bgs., c.l., shipping point..ton.52.00 - —
bulk, same basis..ton.46.00 - —
tech., bgs., works..100 lbs.4.35 - 4.50
bbls., works..100 lbs. 4.55 - —
Nitrate-limestone, 20.5% N, bgs., Hopewell, Va..ton.32.50 - —
Oleate, dms..lb. .14 - —
Oxalate, fine gran., bbls..lb. .23 - —
dms..lb. .25 - .29
Perchlorate, kgs..lb. No stocks
Persulphate, kgs..lb. .25½- .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .37 - .39
tech., bgs., c.l., works..lb. .07 - —
l.c.l., works..lb. .07¾- —
monobasic, pure, bbls..lb. .39 - .41
tech., bgs., c.l., works..lb. .07 - —
l.c.l., works..lb. .07¾- .08¼
Salicylate, NF, dms., kgs..lb. 1.15 - 1.16
Silicofluoride, bbls..lb. .15 - .18
Stearate, anhydrous, dms..lb. .34 - —
paste, dms..lb. .06½- —
Sulphamate, bbls., dms., works. lb. .18 - .20
Sulphate,[1] bulk, producing cysns..ton.30.00 - —
Sulphide, liquid, 40-45% basis 100%, dms., c.l., works..lb. .09 - —
l.c.l., divd..lb. .15 - —
tanks, divd..lb. .07½- —
red, 45%, cbys., works..lb. .06 - —
dms., works..lb. .06 - —
yellow, 33%, cbys., works..lb. .08 - —
dms., works..lb. .06 - —
Sulphocyanide, CP, bbls..lb. .75 - —
jars..lb. .97 - —
tech., bbls..lb. .17 - .19
Thiocyanate (see Ammonia sulphocyanide).
Thioglycollate, highly purified, 100% basis, bbls..lb. 7.10 - 8.25
Ammoniac gum (see Gum, ammoniac)
Sal, gray, bbls., c.l., works.. 100 lbs. 5.50 - 5.75
l.c.l., works..100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works. 100 lbs. 4.45 - —
l.c.l., same basis.100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., divd..lb. .17 - —
l.c.l., divd..lb. .17½- —
tanks, divd..lb. .16 - —
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. 13½- —
l.c.l., same basis..lb. 16½- —
tanks, same basis..lb. 14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms..lb. .90 - 1.00
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works..lb. .08 - —
tanks, works..lb. .06 - —
Ether, dms., c.l., works..lb. .095 - —
l.c.l., works..lb. .102 - —
tanks, works..lb. .085 - —
Nitrite, USP, bots..lb. 1.72 - 1.85
Mercaptan, dms., works..lb. 1.10 - —
Salicylate, bots..lb. .82 - .85
Stearate, dms., works..lb. .42 - .45½
Anethol, com'l, dms., works..lb. .587 - .682
NF, dms..lb. 2.20 - 2.60
Angelica dom. atropurpurea root, bls..lb. 1.30 - 1.40
imported, natural, bls..lb. 2.50 - 2.60
Angostura bark, bls, futures..lb. .35 - .36
Anilin oil, dms., c.l., works, frt. alld..lb. .12 - —
l.c.l., works, frt. alld..lb. .13 - —
tanks, works, frt. alld..lb. .11 - —
Salt, dms., works..lb. .22 - .24
Anise, Bulgarian, bgs..lb. No stocks
Chinese, star..lb. .22 - .23
Cyprus, bgs..lb. No stocks
Mexican, bgs., futures..lb. .46½- .47
Syrian, bgs., futures..lb. .52 - .53
Turkish, bgs..lb. No stocks
Anisic aldehyde, dms..lb. 2.75 - —
cns., bots..lb. 2.90 - 3.35
Annatto, paste, bxs..lb. .24 - .29
Seed, bgs..lb. .13½- .13¾
Anthracene, 80-85%, bbls., works. lb. .55 - —
90%, bbls., works..lb. .65 - —
Anthraquinone, 98.5%, bbls..lb. .70 - —

Antimony butter (see Antimony chloride).
Chloride, solut., cbys..lb. .17 - —
Metal,[1,6] bulk, c.l., works..lb. .14½- .17½
Antimony, needle,[1,6] Bolivian, brown, 67%, cs..lb. .16½ Nom.
Chinese, black, 70%, cs..lb. .20 - .22
Oxide,[1,6] ceramic grade, bgs., c.l..lb. .17 - —
l.c.l..lb. .17½- —
paint grade, bgs., c.l..lb. .17 - —
l.c.l..lb. .17½- —
Salt,[1,6] 65%, bgs., c.l., divd. E. of Miss River..lb. No stocks
Sulphide,[1,6] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works..lb. .17½- —
Antipyrine, bbls., kgs., ton..lb. 2.00 - —
smaller lots..lb. 2.10 - 2.20
Apomorphine, bots..oz.23.20 -23.70
Archil extract, bbls..lb. No stocks
Areca nuts, powd., bbls..lb. .15½- .16
Arecoline hydrobromide, bots..oz. 6.10 - 7.10
Argols,[7] min. 70%, bgs., shipment port, 100 kilos (100% purity)..35.00 -36.00
Arnica flowers, bbls..lb. 3.25 Nom.
Arrowroot, powd., bgs., bbls..lb. .10½ Nom.
Arsenic, chloride (arsenous), bots. lb. 1.55 - —
Metal, lump, c.l..lb. No prices
Sulphide, yellow, bbls..lb. No stocks
Trioxide (see Acid, arsenous, and Arsenic, white).
White, powd., kgs., c.l..lb. .04 - —
l.c.l..lb. .04¾- —
Asafetida, cs..lb. .85 - .86
powd., bbls., dms..lb. .94 - .95
Asbestine (see Talc, N. Y., fibrous).
Asbestos, fiber[1] 5D and 5K bgs., c.l. (20 tons), Cana. mines. ton.49.50 - —
5R, bgs., c.l. (20 tons), same basis..ton.44.00 - —
6D, bgs., c.l. (20 tons), same basis..ton.32.00 - —
7D, bgs., c.l., same basis...ton.28.50 - —
7F, bgs., c.l., same basis.ton.26.50 - —
7H, bgs., c.l., same basis.ton.22.50 - —
7K, bgs., c.l., same basis.ton.19.00 - —
7M, bgs., c.l., same basis.ton.16.50 - —
7R, bgs., c.l., same basis.ton.15.50 - —
Asphaltum, Barbados, Dunellen, N. J..lb. .10½- —
California, dms., c.l..ton.36.40 - —
l.c.l..ton.41.40 - —
Cuba, A, bulk, c.l..ton.60.00 - —
l.c.l..ton.90.00 - —
B, bulk, c.l..ton.33.50 - —
l.c.l..ton.56.00 - —
Egyptian..ton. No stocks
Gilsonite, brilliant black, selects, 340° F. fusing point, bgs., mines..ton.30.00 -32.00
270-295° fusing point, bgs., mines..ton.30.50 - —
seconds, 300°-320° F. fusing point, not uniform, bgs., mines..ton.25.50 - —
jet, bgs., ton lots, gross weight, Colo. mines..ton.30.50 - —
Manjak, No. 10, crude, dms., works..lb. .06½- .12
process form, bgs., works..lb. .05¾- .12
jet, bgs., 2,000 lbs., gross weight, Colo. mines..ton.30.50 - —
Mexican, refd., dms., f.o.b. Tampico, Mex. metric ton.27.50 - —
South American, refd., dms., c.l., N. J. refy..ton.22.00 -23.00
l.c.l., same basis..ton.24.00 -25.00
tanks, same basis..ton.15.00 - —
Atropine, bots..oz. 0.85 - —
Sulphate, bots..oz. 7.35 - —

B

Balm of Gilead buds, bgs..lb. 2.25 - 2.50
Barbasco root,[1] (see Cube root).
Barberry root bark, bgs..lb. .75 - .80
Barbital, dms..lb. 2.50 - 2.60
Sodium, dms..lb. 2.75 - 2.85
Barium carbonate, natural, 90% through 200 mesh, bgs., c.l., works..ton.42.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works..ton.65.00 -75.00
bbls., c.l., works..ton.65.00 -75.00
l.c.l., works..ton.70.00 -80.00
Chlorate, kgs., works..lb. .27½- .31
Chloride, CP, cryst., bbls..lb. .25 - .27
pure, bbls., kgs..lb. .10 - .12
tech., cryst., bgs., c.l., works. ton.73.00 - —
l.c.l., works..ton.73.00 - —
bbls., c.l., works..ton.75.00 - —
l.c.l., works..ton.80.00 - —
Dioxide, dms., c.l., works..lb. .10 - —
l.c.l., works..lb. .12 - .13
Fluoride, bbls..lb. .18 Nom.
Hydrate, crystals, bbls..lb. .06½- .07½
Hydroxide, bbls., works..lb. .15 - .16
Iodide, bots..lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works..lb. .09½- .11½
l.c.l., works..lb. .10 - .11½
Oxide, dms., c.l., works..lb. .11½- .12
l.c.l., works..lb. .14 - .15
grd., dms., l.c.l., works..lb. .15 - .17
Peroxide (see Dioxide).
Silicofluoride, bbls..lb. .17 - .19
Stearate, ctns., 1 ton up..lb. .34½- —
smaller lots..lb. .35½- —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls..lb. .09½- .10
kgs..lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis..ton.28.65 - —
ex whse., N. Y..ton.36.00 - —
paper bags, c.l., St. Louis.ton.25.35 - —
l.c.l., same basis..ton.26.35 - —
ex whse., N. Y..ton.34.00 - —
Southern, off-color, bgs., mines. ton.17.50 - —
95.75, bgs., mines..ton.18.00 - —
Ore, approx. 54X $BaSO_4$, bulk, mines..ton. 6.50 - —
Bauxite bulk, mines..ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs..lb. .12 - .13
Belladonna leaves, bls..lb. 1.25 - 1.30
Root, bls..lb. 1.35 - 1.40
Bentonite, 200 mesh, bgs., works. ton.11.00 - —
325 mesh, bgs., works..ton.16.00 - —
Benzaldehyde, NF, dms..lb. .70 - 1.10
tech., cbys., dms..lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls..lb. .70 - —
Benzocaine, cns..lb. 3.20 - 3.55
Benzol (benzene), pure, nitration and 90%, dms., works, gal. .20 - —
tanks, E. of Omaha, frt. alld..gal. .15 - —
W. Coast, Minnequa, Colo..gal. .16 - —
Benzophenone, dms..lb. 1.15 - 1.20
Benzoyl chloride, cbys..lb. .20½- .26
Peroxide, pure, gran., fib. ctns., works..lb. .90 - 1.05

Benzyl acetate, f.f.c., cns..lb. .60 - .75
dms..lb. .55 - .60
Alcohol (see Alcohol, benzyl).
Benzoate, f.f.c., dms..lb. 1.00 - 1.15
Chloride, tech., cbys., works, frt. equald..lb. .20 - —
refined, cbys..lb. .21 - —
Cinnamate, cns..lb. 4.00 - 6.35
Formate, cns..lb. 2.15 - 2.50
Propionate, bots..lb. 1.65 - 2.45
Salicylate, bots..lb. 1.80 - 1.96
Benzylidinacetone, bots..flb. 2.00 - 2.70
Benzylisoeugenol, bots..lb. 2.50 - —
Berberine bisulphate, cns..lb. No stocks
Hydrochloride, bots..lb. No stocks
Sulphate, cns..lb. No stocks
Berberis root, bls..lb. .30 - .34
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works..lb. .21 - —
l.c.l., works..lb. .23 - —
Benzoate, fib. dms., works..lb. 1.75 - —
Salicylate, dms..lb. 5.00 - —
Betanaphthylamine, tech., works, lb. .51 - —
Betapicoline, 90%, ref. dms., c.l., works..lb. 1.60 - —
l.c.l., works..lb. 1.55 - —
95%, dms., works..lb. 2.05 - —
98-99%, works..lb. 2.20 - —
Betagammapicoline, dms., c.l., works..lb. .23½- —
l.c.l., works..lb. .24½- —
Beth root, bls..lb. .43 - .44
Bismuth chloride, bots..lb. 3.00 - —
jars..lb. 3.55 - —
Citrate, USP VIII, bots..lb. 2.81 - 2.90
jars..lb. 2.75 - —
Hydroxide, bots..lb. 3.41 - 3.46
cns..lb. 3.36 - —
Metal, ton lots..lb. 1.60 - —
Nitrate, cryst., bots..lb. 1.41 - 1.49
cns..lb. 1.50 - —
Oxychloride, bots..lb. 3.14 - 3.19
cns., dms., kgs..lb. 3.10 - —
Subbenzoate, bots..lb. 3.51 - —
fib. dms..lb. 3.40 - —
Subcarbonate, USP, bbls., dms., lb. 1.30 - 1.33
bots., cns..lb. 1.29 - 1.33
X-ray, 5-lb. bots..lb. 1.79 - —
fib. dms..lb. 1.75 - —
Subgallate, NF, bots, cns...lb. 1.49 - 1.53
fib. dms..lb. 1.46 - 1.43
Subiodide, bots..lb. 4.19 - 4.35
fib. dms..lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.30 - 1.33
bots..lb. 1.29 - 1.33
Subsalicylate, USP, bbls., fib. dms..lb. 2.50 - —
5-lb. cans..lb. 2.54 - 2.59
Subphosphate, bots..lb. 5.71 - 5.74
fib. dms..lb. 3.66 - —
Bismuth-ammonia citrate, USP, powd., dms..lb. 2.40 - —
cns..lb. 2.45 - 2.50
Black, acetylene, bgs., c.l., works..lb. .14 - —
l.c.l., works..lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld. E..lb. .17 - —
2, bgs., bbls., c.l., same basis. lb. .12 - —
3, bgs., bbls., c.l., same basis. lb. .11 - —
4, bgs., bbls., c.l., same basis. lb. .09½- —
490A, bgs., bbls., c.l., same basis..lb. .09¾- —
457, bgs., bbls., c.l., same basis..lb. .11½- —
Bone black l.c.l. prices are ¼c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.
Carbon, channel, compressed, beads, bulk, c.l., works. lb. .05 - —
bgs., c.l., works..lb. .0525- —
l.c.l., works..lb. .06 - —
divd. or whse..lb. .092 - —
uncompressed, regular, bgs., c.l., works..lb. .05625- —
bgs., ctns., l.c.l. divd. or whse..lb. .097 - —
Furnace, HMF, bgs., c.l., works..lb. .05 - —
ctns., l.c.l., whse..lb. .07½- —
SRF, bgs., c.l., works..lb. .03½- —
ctns., l.c.l., whse..lb. .06 - —
Thermatonic, bgs., c.l., works, L.a..lb. .04 - —
l.c.l., whse. Trenton, N. J. lb. .06½- —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .06½- —
Lamp, 1, ctns., c.l., works..lb. .06¾- —
l.c.l., works..lb. .09 - —
2, ctns., l.c.l., works..lb. .10 - —
l.c.l., works..lb. .11 - —
2A, ctns., c.l., works..lb. .12 - —
l.c.l., works..lb. .12½- —
3, ctns., c.l., works..lb. .14½- —
l.c.l., works..lb. .15¾- —
4, ctns., c.l., works..lb. .16¾- —
l.c.l., works..lb. .17½- —
5, ctns., c.l., works..lb. .20 - —
l.c.l., works..lb. .20 - —
6, ctns., c.l., works..lb. .26½- —
l.c.l., works..lb. .27½- —
7, ctns., c.l., works..lb. .37½- —
l.c.l., works..lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls..lb. .04½- .06
B, bbls..lb. .05¾- —
kegs..lb. .06 - —
Black dyes (see Dyes).
Black haw root bark, bls..lb. .53 - .54
Tree bark, bls..lb. .40 - .45
Black Indian hemp root, bls..lb. .55 - .60
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works..ton.67.00 - —
direct process, bgs., c.l., works..ton.70.00 - —
bbls., c.l., works....ton.75.00 - —
l.c.l., works..ton.80.00 - —
pulp, 66%, bbls., c.l., works. ton.40.00 - —
l.c.l., same basis....ton.40.50 - —
Bleaching powder,[3] dms., c.l., works..100 lbs. 2.50 - 2.10
l.c.l., works..100 lbs. 3.75 - 3.80
Blood,[1,7] dried, 16-16½% ammo., bgs..unit-ton.10.00 - —
high-grade, unground, 16-17% ammon., bulk, Chicago, unit-ton.10.00 - —
soluble, bgs., c.l., Chicago...lb. .13½- —
l.c.l., Chicago..lb. .15 - .20
Bloodroot, bls..lb. .90 - .95
Blue,[1] alkali, dry, bbls., divd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. 1.75 - —
Toner, bbls., same basis...lb. .85 - .90
Celestial, bbls., same basis...lb. .10 - .12
Chinese, bbls., same basis...lb. .36 - —
Cobalt, genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).

OPD—8-5-1946

TARTARS*

Cream of Tartar

Rochelle Salts

Tartaric Acid

WILLIAM D. NEUBERG COMPANY

Chemicals

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TELEPHONE LEXINGTON 2-3324

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Blue, copper phthalocyanin, full strength, bbls., same basis. lb. 3.50 - 3.75
80%, bbls., same basis...lb. 3.00 - —
green shade, bbls., same basis. lb. 4.50 - 4.90
Iron (see Blue, Chinese, Milori, Potash Prussian, and Soda).
Milori, bbls., same basis....lb. .35 - —
Molybdated, Victoria, bbls., same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent toner, green shade, molybdic, bbls., same basis lb. 3.50 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis, lb. .42 - —
Prussian, bbls., same basis.lb. .26 - —
soluble, bbls., same basis..lb. .36 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, cobalt type, dry or pulp, bbls., same basis. lb. .23 - .27
jobbing type, dry, bbls., same basis..lb. .12 - .13
regular types, dry or pulp, bbls., same basis..lb. .17 - .27
Victoria, toner, molybdic, bbls.. lb. 3.15 - —
tungstic, bbls.....lb. 3.30 - —
ink toner, bbls., same basis. lb. 1.83 - —
Synthetic vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, bbls., same basis..lb. 1.24 - —
tungstic, kgs., same basis..lb. 2.10 - —
Blue dry colors, divd. prices ¼c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.

Blues dyes are listed under Dyes.
Blue mass, NF, cns., tube....lb. 1.58 - 1.75
powd., bots., cns., dms.....lb. 1.61 - 1.76
Bluefing, root, bls.....lb. .60 - .65
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone,[7] raw, bulk, Chicago...ton.57.00 -55.00
junk, bulk, same basis....ton.44.00 -45.00
Meal, raw, 4½% ammon., 50% phos., bgs., E. works.. ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.55.00 - —
Chicago, works.....ton.65.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works ton.45.00 - —
Chicago, works.....ton.50.00 - —
Phosphate, defluorinated (see D). Precipitated (see Calcium phosphate tribasic precip.).
Boneset leaves, bls.....lb. .16 - .17
Borage flowers, bls.....lb. .60 - .62
Borax, tech., 99½% gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld....ton.55.00 - —
ton lots, ex whse....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —
bgs., c.l., frt. alld.....ton.50.00 - —
ton lots, ex whse....ton.61.60 - —
less ton lots,ex whse. ton.66.00 - —
bbls., c.l., frt. alld....ton.60.00 - —
ton lots, ex whse....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP, $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. .11½- —

Bornyl thiocyanoacetate (see Isobornyl thiocyanoacetate).
Brimstone (see Sulphur).
Bromine, purified, cs., c.l., frt. alld. E. of Rockies..lb. .21 - —
1,000 lbs., frt. alld. E. of Rockies..lb. .23 - —
single pkgs., same basis..lb. .28 - —
Brazilwood extract (see Hypernic).
Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol .....lb. 5.20 - 6.25
Bronze powder, aluminum (see A).
Gold, litho., 100-lb. cns., dms., works..lb. .50 - .60
moulding, 100-lb. cans., dms., same basis..lb. .80 - 1.00
printing ink, 100-lb. cns., dms., same basis..lb. .95 - 1.10
radiator, 100-lb. cns., dms., same basis..lb. .60 - .65
Broomtop, bls. .....lb. .21 - .24
Brown, iron-oxide, pure, precip., cks., works..lb. .12 - —
Metallic, bbls., c.l., works..lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .06½- .08
pap. bgs., c.l., same basis. lb. 0235- —
Italian type, bbls., works. lb. .08¾- .10¾
raw, American, bbls., works. lb. .04 - .10
Italian type, bbls., works. lb. .08 - .10
Umber, burnt, American, bbls., works..lb. .06¾- —
Italian-type, bbls., works.lb. .04¾- —
Turkey-type, bbls., c.l., Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05¼- —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —

Brown, umber, burnt, Turkey-type, bbls., ex car, Los Angeles..lb. .09¾- —
Portland, San Francisco, Seattle..lb. .06½- —
ex whse., Los Angeles. lb. .08¾- —
Portland, San Francisco, Seattle..lb. .09¾- —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., works.....lb. .12 - —
Brucine, cns., 100 ozs.....oz. .35 - .40
Sulphate, cns., 100 ozs.....oz. .30 - .32
Bryonia root, bls.....lb. .58 - .60
Buchu leaves, bls.....lb. .30 - .33
Buckthorn bark, bls.....lb. .45 - .48
Berries, bgs.....lb. .60 - .70
Burdock root, bls.....lb. .55 - .60
Burgundy pitch, dom., dms...lb. .14 - .15
Butane,[1] indust., tanks, Group 3, gal. .06½- —
Butyl acetate, normal,[1] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss. R. lb. .2314- —
l.c.l., same basis....lb. .2364- —
tanks, same basis....lb. .2214- —
tankwagon, same basis.. lb. .2264- —
other production, dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis....lb. .1800- —
synthetic, dms., c.l., same basis..lb. .11¼- —
l.c.l., same basis....lb. .12¾- —
tanks, same basis.....lb. .10¾- —
secondary,[1] dms., c.l., divd. E. of Miss. R..lb. .09¼- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Normal butyl acetate, W. of Miss. R., ¼c. per lb. higher.
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .36½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., l.c.l., works. lb. .35 - —
tech., dms., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .24½- .25½
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl phthalate).
Propionate, dms., divd.....lb. 16½- .17
tanks, divd.....lb. .15½- —
Stearate, dms.....lb. .31½- .35
Butyric ether, bots.....gal. 6.50 - 6.85
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide, bots.....lb. 1.64 - 1.91
jars .....lb. 1.65 - 1.70
Iodide, bots.....lb. 4.23 - —
cns. .....lb. 4.00 - —
Lithopone (see Yellow).
Metal,[5] ingots or sticks, divd. lb. 1.30 - 1.50
pat. shapes, cs., divd.....lb. 1.35 - 1.55
Selenide (see Red).
Sulphide (see Yellow).
Caffeine,[1] dms., 100 lbs. or more, lb. 2.80 - 2.85
smaller lots.....lb. 2.95 - 3.35
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.06
smaller lots.....lb. 3.15 - 3.45
Citrated, dms., 100 lbs. or more, lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.80
Hydrobromide, bots.....lb. 3.29 - 3.37
Calabar beans, bgs., futures. lb. .95 - .98
Calamus root, natural, dom., bls. lb. .50 - .55
imported, bleached, bls..lb. .70 - .85
Calciferol, in corn oil, dms., 10,000 units or more, works, unit. .10 - —
1,000 to 10,000 units, works, unit. .11 - —
less than 1,000 units, works, unit. .12 - —
Calcium acetate, bgs., divd.... 100 lbs. 3.00 - 4.00
Arsenate, bgs., c.l., whse., wks., frt. alld..lb. .07½- .08
l.c.l., same basis.....lb. .08 - .09½
Bromide, N.F., jars.....lb. .65 - .70
Carbide,[1] dms., c.l., works.ton.80.00 - —
divd. .....ton.87.00 -90.00
Carbonate (see Chalk and Whiting).
Chloride, cryst., purified, bbls., jars..lb. .28 - .30
flake, 77-80%, paper bgs., c.l., divd..ton.32.50 -35.00
l.c.l., divd.....ton.36.50 -42.00
liquor, basis 40%, tanks, works..ton. 7.00 - —
solid, 73-75%, dms., c.l., divd. ton.18.00 -24.50
l.c.l., divd.....ton.26.00 -44.50
Calcium chloride prices vary according to zone; minimum prices are for spot delivery. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums, $3.50 per ton over paper bags.
Cyanide, dms., delivered E. of Rockies..lb. .39 - .49
Gluconate, USP, gran., bbls., lb. .52 - —
dms. .....lb. .57 - .80
cns. .....lb. .70 - —
powd., 2c. per lb. lower.
Glutamate, kgs.....lb. 1.80 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.25 - —
smaller lots.....lb. 1.40 - 1.60
Hypochlorite, dms., divd. E. of Rockies..lb. .22 - .25½
cans, in cases, same basis..lb. .2775- .3250
Iodide, bots., jars.....lb. 4.04 - 4.10
Lactate, edible, dms.....lb. .21 - —
USP, bbls.....lb. .26 - .27
Laurate, bbls.....lb. .25 - .30
Mandelate, USP, dense, fluffy, works, dms..lb. 2.65 - 2.80
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½- —
Pantothenate, doz., 100-gram bots, works..per gram. .10 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 or over, works..lb. .07 - .07¾
less than 10, works.....lb. .08 - .10
medicinal, dibasic, bgs..... 100 lbs.11.40 -16.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald.....lb. .06 - .06¼
tribasic, bbls., c.l., works..lb. .0635- —
bgs., l.c.l., works.....lb. .0645- .0680
Resinate, precip., 6.8% Ca, 100-lb. dms..lb. .15½- —
Silicate, hydrated, c.l., bgs., works..lb. .06¼- —
l.c.l., works.....lb. .09 - —

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Sodium Sulfamerazine
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(powder, crystal and micro crystal)
Sulfathiazole U.S.P.
(powder, crystal and micro crystal)
Sodium Sulfathiazole U.S.P.
Sulfapyridine U.S.P.
Sodium Sulfapyridine
Aminoacetic Acid U.S.P.
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Choline Chloride
Choline Dihydrogen Citrate
Cinchophen N.F.
(and Sodium Salt)
Neocinchophen U.S.P.
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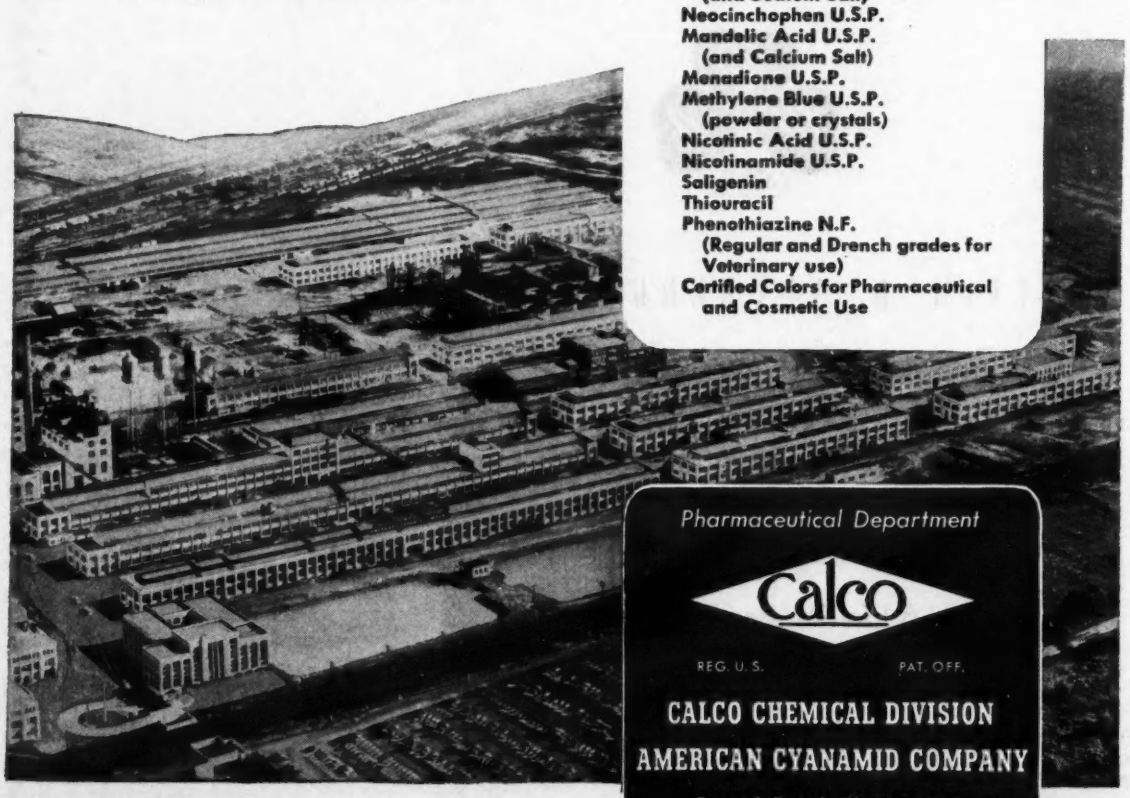

Pharmaceutical Department

Calco

REG. U. S. PAT. OFF.

CALCO CHEMICAL DIVISION
AMERICAN CYANAMID COMPANY
Bound Brook, New Jersey

Calcium stearate, precip., ctns., 2,000 lbs. to c.l., works	lb.	.29½- —
l.c.l., works	lb.	.30½- —
Sulphate (see Gypsum).		
Sulphide, 70%, bgs., c.l., works	ton	45.00 - —
80%, bgs., c.l., works	ton	50.00 - —
luminous, tins, works	lb.	1.25 - —
Sulphocarbolate, bbls.	lb.	.49 - .50
Tallate, 8%-4% Ca, 50-gal. dms.	lb.	.13¼- .19¼
Calcium-strontium sulphide, phosphorescent, dms., works	lb.	1.00 - 1.50
fine particle size, works	lb.	1.50 - 1.75
Calendula flowers, bls.	lb.	1.50 - 1.60
Calomel, bbls., dms.	lb.	2.44 - 2.45
Camphor, natural	lb.	No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works	lb.	.42 - —
10 bbls. (1,500 lbs.)	lb.	.44½- —
5 to 9 bbls.	lb.	.45 - —
1 to 4 bbls.	lb.	.46 - —
smaller lots	lb.	.48 - .55
USP, gran., powd., bbls., 2,000-lb. lots	lb.	.69 - —
1,000-lb. lots	lb.	.70 - —
smaller lots	lb.	.71 - —
tablets, 2,000-lb. lots	lb.	.82 - —
1,000-lb. lots	lb.	.83 - —
smaller lots	lb.	.84 - —
Camphor, monobromated, dms.	lb.	3.20 - —
Canada balsam (see Fir balsam).		
Cantharides, Russian, bgs.	lb.	9.00 - —
Chinese, cs.	lb.	8.00 - 8.25
powd., bxs.	lb.	9.25 - 9.50
Capsicum (see Pepper, red).		
Capsicum oleoresin, USP VII, cns.	lb.	4.50 - 4.65
Caramel coloring, bbls.	gal.	.70 - 1.10
Caraway seed, California, Dutch type	lb.	.25½- .26
Canadian, bgs.	lb.	.25 - .25½
Danish, bgs.	lb.	.25½- .26
Dutch, bgs.	lb.	.25¾- .26¾
futures, bgs.	lb.	.26½- .27
Morocco, dewhiskered, futures, bgs.	lb.	.27 - .28
natural, bgs., futures	lb.	.33 - .34
Spanish, dewhiskered, bgs.	lb.	No stocks
Swedish, bgs.	lb.	.25½- .26
Syrian, dewhiskered, bgs.	lb.	No stocks
Carbasole, 95%, dms., ton lots, works	lb.	.70 - —
smaller lots, works	lb.	.80 - —
80%, dms., ton lots, works	lb.	.75 - —
smaller lots, works	lb.	.85 - —
Carbinol, butyl, norm. dms., l.c.l., works	lb.	.27 - —
secondary, dms., l.c.l., works	lb.	.60 - —
Isobutyl, dms., c.l., works	lb.	.22½- —
l.c.l., works	lb.	.23½- —
tanks, works	lb.	.21½- —
Methylisobutyl, dms., c.l., nearest delivery point buyer's works	lb.	.11¾- —
l.c.l., same basis	lb.	.12¼- —
tanks, same basis	lb.	.10¾- —
Carbon bisulphide, 55-gal. dms., c.l., frt. all. E. of Miss R., N. of Ohio R.	lb.	.05 - —
l.c.l., same basis	lb.	.05¾- —
5-gal. dms., c.l., same basis	lb.	.07 - .07½
l.c.l., same basis	lb.	.08 - .08½
Dioxide, cyls.	lb.	.06 - .06
Tetrachloride,[1] e.p., dms., c.l.	gal.	.96 - —
l.c.l.	gal.	1.01 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld.	gal.	.69 - —
l.c.l., frt. alld.	gal.	.76 - —
5 or 10-gal. dms., c.l., frt. alld.	gal.	.92 - —
l.c.l., frt. alld.	gal.	1.03 - —
Zone 2, 52½-gal. dms., c.l., frt. alld.	gal.	.76 - —
l.c.l., frt. alld.	gal.	.83 - —
5 or 10-gal. dms., c.l., frt. alld.	gal.	1.00 - —
l.c.l., frt. alld.	gal.	1.10 - —
Zone 3, 52½-gal. dms., c.l., frt. alld.	gal.	.90 - —
l.c.l., frt. alld.	gal.	.96 - —
5 or 10-gal. dms., c.l., frt. alld.	gal.	1.13 - —
l.c.l., frt. alld.	gal.	1.23 - —
Zone 4, 52½-gal. dms., c.l.,	gal.	.83 - —
5 or 10-gal. dms., c.l.	gal.	1.03 - —
l.c.l.	gal.	.90 - —
USP, cbys.	lb.	.17 - .19

Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A. Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O, Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans.; 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho, Nev., Ore., Utah, Wash. and Montana points W. of Billings.

Cardamom, bleached, bold, cs.,	lb.	1.35 - 1.40
medium, cs.	lb.	1.30 - 1.35
decorticated, Guatemala, cs.	lb.	1.15 - 1.20
India, cs.	lb.	1.15 - 1.20
green, Alleppey, bgs.	lb.	.92 - .93
Carotene, cryst., 1,350,000 A units per gm., tins, works, 1,000,000 units		.50 - —
research grade (alpha, 10%; beta, 90%), amps. 100 grams, dlvd.	gram	2.85 - —
50 grams, dlvd.	gram	2.90 - —
in vegetable oil, 250,000 USP units per gm., bots., works	lb.	37.80 - —
80,000 USP units per gm., bots., works	lb.	8.48 - —
dms., works	lb.	7.68 - —
8,800 A units per gm., tins, works, 1,000,000 units		.55 - —
dms., works, 1,000,000 units		.50 - —
2,300 USP units per gm., dms., works	lb.	.66 - .71
Carvol, bots.	lb.	16.00 -20.00
Cascara sagrada bark, bulk	lb.	.30 - .40
Case-hardening mixture, 30% gran., dms., l.c.l.	lb.	.09¾- —
slabs, dms., l.c.l.	lb.	.09¾- —
Casein,[1] dom., acid-precip., bgs., 10,000 lbs. or more, ship't point	lb.	.41 - .42
2,000 lbs. or more, but under 10,000 lbs., same basis	lb.	.42 - .43
less than 2,000 lbs., same basis	lb.	.43 - .44
rennet-precip., bgs., 10,000 lbs. or more, same basis,	lb.	.42¼- .42½
2,000 lbs. or more, but under 10,000 lbs., same basis	lb.	.42¾- .44¼
less than 2,000 lbs.	lb.	.43¼- .44¼
imp., acid-precip., ground, bgs., 100 bgs. or more	lb.	.41 - .42
rennet-precip., unground, 100 bgs. or more	lb.	.42¼- .44
Cassia,[1] China buds, bgs., futures	lb.	.52 - .53
rolls, selected, cs.	lb.	.28 - .28½
extra select, broken, bls.	lb.	.27½- .28
Saigon, all medium, futures	lb.	.43 - .44
4-10-4, bls., futures	lb.	.42 - .43
Cassia fistula, bskts.	lb.	.26 - .26
Castor bean,[1,7] bgs., c.i.f. first arrival point, U.S.	long ton	118.00 - —
Oil (see Oil, castor).		
Pomace,[1] bgs., c.l., works	unit-ton	3.15 - 4.75
Castoreum, nat., cns.	lb.	12.00 -13.00
synthetic, cns.	lb.	10.00 - —
Catechol, CP, cryst., works, fib. dms., frt. alld.	lb.	1.90 - —
resublimed, works, frt. alld., dms.	lb.	2.25 - —
Catnep, bls.	lb.	.50 - .55
Celery seed, French, bgs.	lb.	1.00 Nom.
Indian, bgs.	lb.	.26 - .26½
Celluloid scrap (see Pyroxylin scrap).		
Cellulose acetate, flake, ctns., works, frt. alld. on 100 lbs. or more	lb.	.30 - —
granules, ctns., same basis	lb.	.35 - —
Acetate-butyrate, flake, high (36.5%) butyryl content, 50-lb. ctns., 5,000 lbs. and up, frt. alld.	lb.	.45 - —
1,000-4,900 lbs., frt. alld.	lb.	.46 - —
100-900 lbs., frt. alld.	lb.	.47 - —
smaller pkgs., works	lb.	.48 - —
50 lb. ctns., 5,000 lbs. and up, frt. alld.	lb.	.43 - —
1,000-4,900 lbs., frt. alld.	lb.	.44 - —
100-900 lbs., frt. alld.	lb.	.45 - —
smaller pkgs., works	lb.	.46 - —
Granules are 5c. per lb. higher all quantities.		
Cellulose acetate-propionate, flake, high (31.5% propionyl content), 50-lb. ctns., 5,000 lbs. and up, frt. alld.	lb.	.45 - —
1,000-4,900 lbs., frt. alld.	lb.	.46 - —
100-900 lbs., frt. alld.	lb.	.47 - —
smaller pkgs., works	lb.	.48 - —
Granules are 5c. per lb. higher all quantities.		
Triacetate, flake, ctns., works, frt. alld. on 100 lbs. or more	lb.	.30 - —
Cerium hydrate, dms., works	lb.	.60 - —
Oxalate, USP, bbls., works	lb.	.35 - —
kgs., works	lb.	.37 - —
Oxide, optical grade, kgs., 100-lb. lots, works	lb.	1.50 - —
bgs., smaller lots, works	lb.	2.00 - —
Chalk, precipitated, cosmetic, dentifrice, and drug, bgs., c.l., works	lb.	.02¾- —
paint and other industries, bgs., c.l., works	ton	40.00 - —
papermakers, bgs., c.l., works	ton	32.50 - —
rubbermakers, bgs., c.l., works	ton	30.00 - —
Chamomile, Hungarian type, cs.	lb.	.90 - .95
Roman, bls., futures	lb.	1.70 - 1.80
Charcoal, hardwood, lump, bulk, c.l., works	ton	38.00 -39.50
bur. bgs., included, c.l., works	ton	41.50 -46.80
briquets, bulk, c.l., works	ton	44.50 -49.80
bgs., c.l., works	ton	49.80 -50.80
granular, all grades, bgs., works	ton	46.80 -49.80
screenings, bgs., works	ton	31.20 -33.15
Charcoal, pinewood,[1] lump, bgs., c.l., Southern shipping point	ton	20.00 -24.00
granular, powd., bgs., c.l., works, South.	ton	30.20 -34.20
l.c.l., works	ton	41.00 - —
Willow, powd., bbls.	lb.	.06 - .07
Chestnut extract,[1,9] standard, 20% tannin, bbls., c.l., works, 100 lbs.		3.83 - 4.60
l.c.l., works	100 lbs.	4.07 - 4.85
tanks, works	100 lbs.	3.22 - 4.00
powdered, 65% tannin, bags extra, c.l., works	100 lbs.	9.02 - 9.96
l.c.l., works	100 lbs.	9.77 -10.71
Chillies (see Pepper, Red).		
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works	ton	9.50 - —
l.c.l., works	ton	16.00 - —
bulk, c.l., works	ton	7.00 - —
200 mesh, bgs., c.l., works	ton	8.50 - —
l.c.l., works	ton	9.50 -15.50
wet-grd., silk-bolt, 99½%, 325 mesh, bulk, c.l., works	ton	8.50 - —
paper bgs., c.l., works	ton	12.00 - —
imported, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila.	ton	19.00 -24.00
powd., cks., l.c.l., ex whse.	ton	41.00 - —
Chloral hydrate, jars	lb.	.93 - .98
dms.	lb.	.90 - .95
Chlorinated rubber[2] standard, ctns., 100 lbs. up, works	lb.	.32 - —
smaller lots, works	lb.	.35 - —
1-lb. bots., ex whse.	lb.	1.25 - —
Chlorine, liquid, cyls., c.l.	lb.	.05½- —
contracts	lb.	.05¾- —
l.c.l.	lb.	.07¼- —

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multiple units, 3 or over, works, frt. equald. 100 lbs. 2.00 - —
3, wks., frt. equald. 100 lbs. 2.50 - —
1, wks., frt. equald. 100 lbs. 3.00 - —
Chloroform, tech., dms. lb. .20 - .23
USP, dms. lb. .20 - .23
Chloropicrin, com'l, 100 lb. cyl., 100-lb. cyls., same basis lb. .23 - —
25-lb. cyls., ex whse. lb. 1.00 - —
1-lb. bots., ex whse. lb. 1.25 - —
Choline chloride, 70% dms., works. lb. 3.00 - 3.10
Dihydrogen citrate, 70% dms., works. lb. 3.00 - 3.10
Chrome acetate, powd., 33% Cr., bbls., works. lb. .32 - .34
ton lots, works. lb. .30 - .33
solut., 8%, bbls., cs. lb. .07½- —
7½%, bbls., cs. lb. .06¾- —
Fluoride, bbls., works. lb. .24 - .27
Cake, bulk, c.l., works. ton. 16.00 - —
Oxide (see Green, chrome oxide).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bots. lb. 6.02 - 6.09
Cinchona bark,[6] red, quill, USP, 10 in., cas. lb. 1.20 Nom.
Cinchonidine,[6] small, cryst., cns., 100 ozs. oz. No price
Cinchonine[6] small, cryst., cns., 100 ozs. oz. No price
large, cryst., cns., 100 ozs. oz. No price
Sulphate, NF, cns., 100 ozs. oz. No price
Cinchopen, NF, heavy, dms., works. lb. 3.70 - 3.80
standard, dms., works. lb. 3.50 - 3.60
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cbys., cns., dms. lb. .85 - 1.00

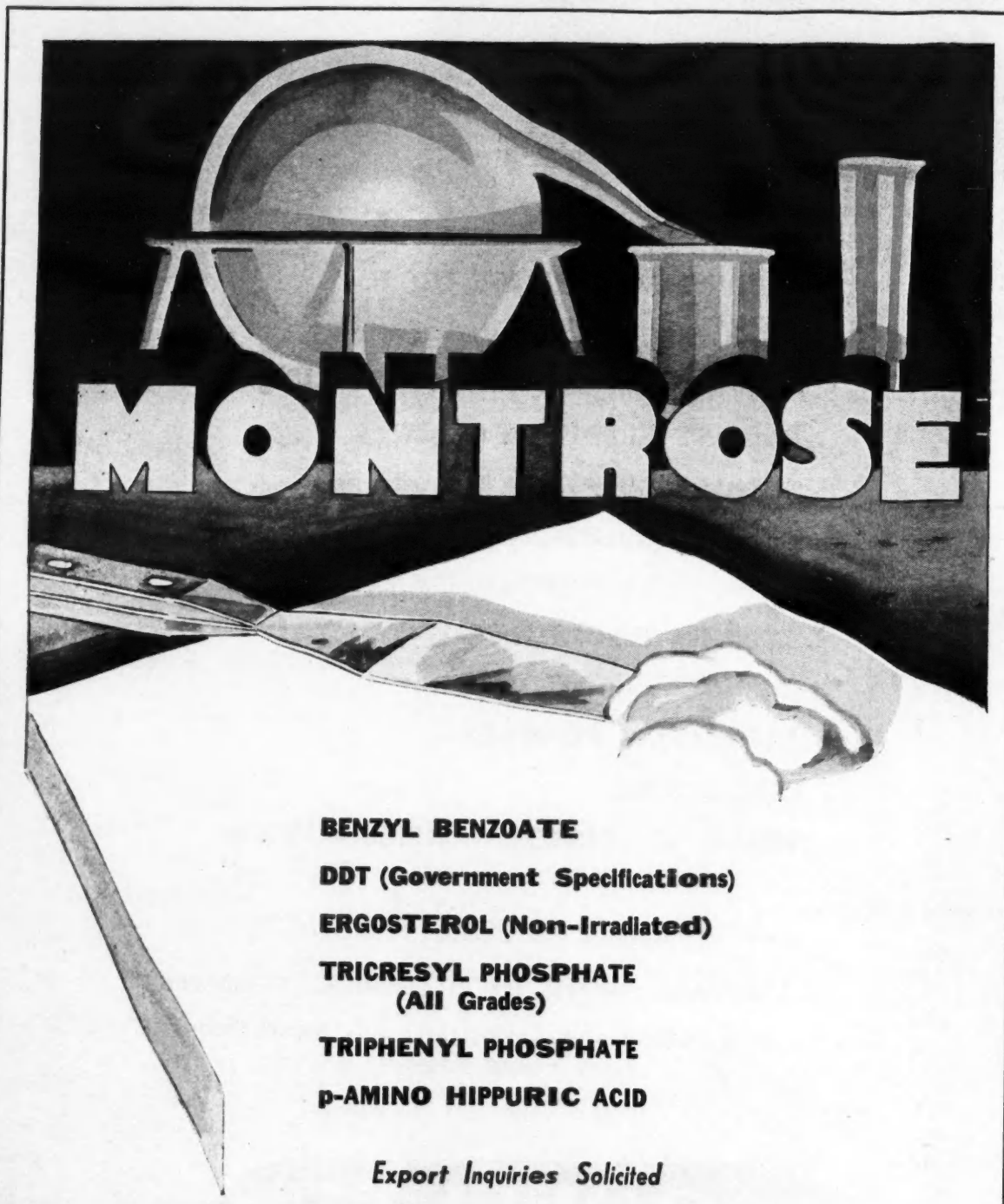
Cinnamon,[1] Ceylon, O, bls., futures. lb. .5700- —
OO, bls, futures. lb. .5630- —
OOO, bls., futures. lb. .5600- —
OOOO, bls., futures. lb. .5600- —
No. 1, bls., futures. lb. .5625- —
2, bls., futures. lb. .5585- —
3, bls., futures. lb. .5535- —
4, bls., futures. lb. .5535- —
Citral, bots., cns. lb. 6.75 - 7.00
Citrine, ointment, jars. lb. .95 - 1.15
Citronellal, bots., dms. lb. No price
Citronellol, bots., dms. lb. No price
Clove, Madagascar, bls. lb. .11½- .13
futures, bls. lb. .14½- .14¾
Zanzibar, bls. lb. .15¾- .16¼
futures, bls. lb. .15 - .15½
Clover tops, red, dom., bgs. lb. .50 - .55
imported, bgs. lb. No stocks
Coaltar, coal-gas, crude, 50 gal., bbls., c.l., works. bbl. 8.25 - —
l.c.l., works bbl. 8.75 - —
tanks, works gal. .07½- .08¾
refd., 50-gal., bbls., c.l., works. bbl. 8.75 - —
l.c.l., works bbl. 9.25 - —
tanks, works gal. .08½- .09½
water-gas, crude, 55-gal. dms., c.l., works. bbl. 8.25 - —
l.c.l., works db. 8.75 - —
refd., 55-gal. dms., c.l., works. dm. 8.75 - —
l.c.l., works dm. 9.25 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .38½- —
feed grade, 49.5% Co, kgs. lb. 1.25 - —
Carbonate, powd., bgs., works. lb. 1.58 - —
feed grade, 25% Co, kgs. lb. 1.35 - —
Chloride, kgs., works. lb. .37½- —
feed grade, 24.5% Co, kgs. lb. 1.25 - —
Hydrate, bbls. lb. 2.04 - —
feed grade, 65% Co, kgs. lb. 2.95 - —
Linoleate, paste, 8%, dms. lb. .32 - .35
solid, 8½%, dms. lb. .44 - —
Nitrate, feed grade, 20.4% Co, kgs. lb. 1.25 - —

Cobalt oleate, bbls. lb. .44 Nom.
Oxide,[1] black, kgs. lb. 1.84 - —
Phosphate, feed grade, 34% Co, kgs. lb. 1.75 - —
Resinate, precip., 7.5% Co, 100-lb. dms. lb. .23½- —
Soyate, 8%-8.5% Co, 50-gal. dms. lb. .42 - .44
Sulphate,[6] dms. lb. .05 - —
feed grade, 21% Co, kgs. lb. 1.00 - —
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland or New York.
Cobalt-ammonium sulphate, 14% Co, kgs. lb. .75 - —
Cocaine hydrochloride, 100-oz. lots, ozs. oz. 9.75 - —
Cochineal, gray, bgs. lb. .46 - .47
silver, Tenerife, bgs. lb. .47 - .48
Cocoa butter,[1,7] bulk, ship. pt. lb. .28 - —
Cocillana bark, bgs. lb. .60 - .61
Codeine, cns., 100 ozs. oz. 11.70 - —
Hydrochloride, cns., 100 ozs. oz. 10.50 - —
Phosphate, cns., 100 ozs. oz. 9.00 - —
Sulphate, cns., 100 ozs. oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls. lb. .23 - .25
blue, bls. lb. .24 - .25
Colchinine, bots., cns. oz. No stocks
Colchicum seed lb. No stocks
Collodion, USP, dms. lb. .19½- .20½
cns. lb. .22 - .23½
Flexible, USP, dms. lb. .21 - .22
cns. lb. .22 - .21
Colocynth pulp, bls. lb. .13 - .15
Colombo root, bls. lb. .12 - .14
Coltsfoot leaves, bgs. lb. .70 - .73
Condurango narx, bgs. lb. .17 - .18
Copaiba balsam, Para, cns. lb. No stocks
S. A., USP, cns. lb. .95 - 1.00
Copper acetate, cupric, bbls., works. lb. .23½- —
smaller containers, wks. lb. .27 - —
Carbonate, 52-54%, bbls. lb. .19½- .20½
Chloride, anhyd., bbls. lb. .23½- .25
crystals, bbls. lb. .14¾- .17
Cyanide, tech., bbls. lb. .24 - .28
Iodide, bots. lb. .84 - .88

Copper metal,[1] electrolytic. lb. .14½- —
Naphthenate, 7½-8% Cu, 50-gal. dms. lb. .15 - .17
Nitrate, tech., cryst., bbls. lb. .19¼- .20¼
Oleate, precip., bbls. lb. .23½- .25½
Oxide, black, bbls., works. lb. .19 - .20
red, com'l, bbls., works. lb. .21 - .24½
Oxychloride-sulphate,[6] bgs. lb. .17 - .20
Resinate, precip., 8.5% Cu, 125-lb. dms. lb. .12½- .16
Stearate, bgs., works. lb. 35½- —
Sulphate,[1] 99%, cryst., bgs., c.l., works. 100 lbs. 5.65 - —
l.c.l., 700 to 36,000 lbs. 100 lbs. 5.80 - 6.15
monohydrated, dms., c.l., dlvd. 100 lbs. 10.10 - —
l.c.l., dlvd. 100 lbs. 10.85 - —
Copperas, cryst., gran., bgs., c.l., works. ton. 17.00 - —
l.c.l., works. 100 lbs. 1.55 - 2.00
bbls., c.l., works. ton. 20.00 - —
bulk, c.l., works. ton. 14.00 - —
Copra.[1,7] Coast, ship't. ton. 109.50 - —
Coriander seed, Argentine, bgs lb. .06¼- .06¾
Indian bgs. lb. No Stocks
Italian, bgs., futures. lb. .06 - .06½
Morocco, bgs. lb. .06 - .06½
Corn silk, bls. lb. .45 - .46
Corn sugar, tanners, chipped, bgs., c.l. 100 lbs. 6.087 - —
bbls., c.l. 100 lbs. 6.131 - —
Syrup, 42°, bbls., c.l. 100 lbs. 6.497 - —
l.c.l. 100 lbs. 6.597 - —
Corrosive sublimate,[6] cryst., dms., 50 lbs. or more. lb. 2.07 - —
gran., powd., dms., 50 lbs. or more. lb. 1.92 - —
Cottonroot bark, bls. lb. .35 - .40
Cottonseed hull ash, 32-36% pot-ash, bgs., dlvd. unit-ton. 1.30 - —
Meal,[1,7] 41% protein, bulk, mills, c.l. ton. 97.00 -100.00
Coumarin,[1] cns., 5 lbs. or more. lb. 2.75 - —
smaller lots. lb. 2.90 - 3.10
Cramp bark, NF, bls. lb. .80 - .81
Cream of tartar, dom., USP, gran. or powd., bbls., 5,000 lbs. one ship't. lb. .51½- —
smaller lots, bbls., kgs., lb. .52 - .53¼
Creosote carbonate, bots., cbys., lb. 2.10 - 2.20
Coaltar (see Cresol).
Oil,[8] coaltar, crude, tanks, works. gal. .15½- .16½
refined, dms., c.l., works, gal. .247 - .265
l.c.l., same basis. gal. .26 - .31
tanks, same basis. gal. .18 - .19¼
solution, tanks, works. gal. .141 - .149
Wood, beech, bots., cbys. lb. .85 - 1.04
Hardwood, N.F., bots., cbys. lb. .60 - .77
Pine, dms. gal. .31 - .33
Cresol,[9] special resin grades, dms., c.l., works, frt. equald. lb. .09½- .10¼
l.c.l., same basis. lb. .10 - .11
tanks, same basis. lb. .08¾- .09¾
USP, dms., c.l., same basis. lb. .10¾- .11¾
l.c.l., same basis. lb. .11¼- .11¾
tanks, same basis. lb. .10 - .10¼
Crotonaldehyde, 97%, l.c.l., 55 and 110-gal. dms. lb. .15 - —
5 and 10-gal. dms., works. lb. .18 - —
Cryolite, nat.,[4] bgs., bbls., c.l., works. 100 lbs. 9.50 - 9.75
bbls., l.c.l., works. 100 lbs. 10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R. lb. .08½- —
l.c.l., works. lb. .09¾- —
Cube root, 5% rotenone, bbls., works. lb. .45 - —
4% rotenone, bbls., works. lb. .36 - —
Cubeb berries, XX, bgs. lb. No stocks
powd., cs. lb. No stocks
Culvers root, dry. lb. .35 - .40
Cumin seed, Cyprus, bgs. lb. No stocks
Indian, bgs., futures. lb. .34 - .35
Morocco, bgs. lb. No stocks
Persian, bgs., futures. lb. .34 - .35
Syrian, bgs., futures. lb. .34 - .35
Cutch, bgs. lb. No stocks
Cyanamide,[3] fertilizer mixing grades, guaranteed, 20.6% N, gran., bulk, Niagara Falls, Ont., contracts, bulk, unit-ton. 1.62½- —
21% N., pulv., bgs., acne basis. unit-ton. 1.82½- —
Cyclohexane, tech., dms., c.l., works. lb. .10½- —
l.c.l., works lb. .11 - —
tanks, works lb. .09½- —
Cyclohexanol, 99%-100%, dms., works. lb. .21 - .23
Cyclohexanone, 97½% min., dms., c.l., works. lb. .20 - .22
tech., dms., c.l., works. lb. .20 - —
l.c.l., works lb. .20½- —
tanks, works lb. .19 - —
Cyclopropane, USP, cyls., divd., gal. .37 - —

D

Damiana leaves, bls. lb. .35 - .40
Dandelion root, bls. lb. .75 - .80
DDT, fiber, dms., c.l., works. lb. .45 - —
ton lots, works. lb. .50 - —
tins, smaller lots, works. lb. .53 - .60
Decanol, normal, tech., dms., divd. lb. .35 - —
Deertongue, bls. lb. .34 - .35
Defluorinated phosphate,[1] paper bgs., works. ton. 35.75 - —
Degras,[1] common, bbls. lb. .10 - .12
neutral, less 2% ffa, bbls. lb. .23 - .25
over 2% ffa, bbls. lb. .24 - .26
Derris root (see Cube root).
Dextrin, British gum, bgs., c.l. 100 lbs. 7.70 1 - —
l.c.l. 100 lbs. 7.86 1 - —
Chicago, bgs., c.l. 100 lbs. 7.33 - —
Corn, canary, bgs., c.l. 100 lbs. 7.44 1 - —
l.c.l. 100 lbs. 7.54 1 - —
Chicago, bgs., c.l. 100 lbs. 7.04 - —
dark, bgs., c.l. 100 lbs. 7.54 1 - —
l.c.l. 100 lbs. 7.64 1 - —
Chicago, bgs., c.l. 100 lbs. 7.14 - —
white, bgs., c.l. 100 lbs. 7.29 1 - —
l.c.l. 100 lbs. 7.39 1 - —
Chicago, bgs., c.l. 100 lbs. 6.89 - —
Potato, bgs., c.l. lb. .10 - —
l.c.l. lb. .10¾- .11¾
Diacetone (see Alcohol, diacetone).
Diacetyl, flavor grades, bots. lb. 5.50 - 5.55
laboratory grade, bots. 100 grams. 4.50 - —
tech., bots., works. lb. 3.00 - —
Diamyl ether (see Amyl ether).
Phthalate,[6] dms., c.l., divd. lb. .2170- .2200
l.c.l., divd. lb. .2220- .2250
tanks, divd. lb. .2070- .2100
Sulphide, l.c.l., dms., works. lb. .25 - —
Diatomaceous earth, dom., CP, bgs., c.l., Atlantic Coast. lb. .07 - —
l.c.l., ex whse. lb. .10 - .16
nat., bgs., c.l., Pacific Coast. ton. 22.00 -25.00
l.c.l., ex whse. ton. 45.00 - —



BENZYL BENZOATE

DDT (Government Specifications)

ERGOSTEROL (Non-Irradiated)

TRICRESYL PHOSPHATE
(All Grades)

TRIPHENYL PHOSPHATE

p-AMINO HIPPURIC ACID

Export Inquiries Solicited

MONTROSE *Chemical Company*
LISTER AVENUE, NEWARK, NEW JERSEY
SELLING AGENTS R. W. GREEFF & CO., INC. 10 ROCKEFELLER PLAZA, NEW YORK, N. Y.
TRIBUNE TOWER, CHICAGO, ILLINOIS

Diatomaceous earth, dom., purified, bgs., c.l., Atlantic coast..ton.55.00 -60.00
l.c.l., ex whse.....ton.65.00 -90.00
imported, Algerian, bgs., c.l., Atlantic coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic coast..lb. .02 - .03
l.c.l. .....lb. .04 - .06

Dibutyl, phthalate,[1] 5-gal. cns., works..lb. .2550- .2900
1-gal. cns., works.....lb. .2750- .3100
dms., c.l., works.....lb. .2000- .2350
l.c.l., works.....lb. .2050- .2400
tanks, works.....lb. .1900- .2250
Sebacate,[1] dms., c.l., works..lb. .5000- .5370
l.c.l., works.....lb. .5050- .5420
tanks, works.....lb. .4900- .5270
Tartrate, dms., works, frt. alld. lb. .92 - 1.00

Dibutylamine, dms., c.l., works.. lb. .66 - —
l.c.l., works.....lb. .69 - —

Dichlorodiphenyltrichloroethane (see DDT).

Dichloroethyl ether,[2] purified, dms., c.l., works, frt. equald with So. Charleston..lb. .16 - —
l.c.l., same basis.....lb. .17 - —
tanks, same basis.....lb. .15 - —

Diethanolamine,[2] dms., c.l., frt. alld. in E..lb. .23½- —
l.c.l., same basis.....lb. .24½- —
tanks, same basis.....lb. .22½- —

Diethyl carbonate, com'l, dms..lb. .35 - —
refd., 99%, dms.....lb. .50 - —
Oxalate, dms., c.l., divd.....lb. .30½- —
l.c.l., divd.....lb. .31 - —
Phthalate,[2] dms., c.l., divd..lb. .21½- —
l.c.l., divd.....lb. .22 - —
tanks, divd.....lb. .20½- —
Sulphate, dms., c.l., works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —

Diethylamine, dms., c.l., works.lb. .44 - —
l.c.l., works.....lb. .46 - —
tanks, works.....lb. .40 - —

Diethylaminoethanol, dms., l.c.l., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylaniliin, dms.....lb. .40 - —

Diethyleneglycol, dms., c.l., frt. alld. in E..lb. .14 - —
l.c.l., same basis.....lb. .15 - —
tanks, same basis.....lb. .13 - —

Monobutylether, dms., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .21 - —

Monoethylether, dms., c.l., wks. lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —

Digitalis leaves, dms.....lb. 1.05 - 1.15
Diglycol laurate, dms.....lb. .31 - .33
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .23 - —

Dihydroxydichlorodiphenylmethane, dms., works of N.Y. met..lb. .98 - 1.00
smaller containers, same basis lb. 1.05 - 1.40

Di-isobutyl ketone, dms., works. lb. .19 - —

Dillseed, natural, afloat, bgs...lb. .10½- .10¾
decorticated, bgs.....lb. .14 - .14½
dewhiskered, bgs.....lb. .11 - .11⅛

Dimethyl phathalate, dms., c.l., divd..lb. .20 - —
l.c.l., divd.....lb. .20½- —
tanks, divd.....lb. .19 - —

Dimethylamine, dms., c.l., divd. lb. .85 - —
l.c.l., divd.....lb. .90 - —
Dimethylaniliin, dms., c.l.....lb. .21 - —
l.c.l. .....lb. .22 - —
Dinitrobenzene, bbls.....lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .23 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .06 - —
Dierthotolylguanidin, dms., ton lots, divd..lb. .44 - —
smaller lots, divd.....lb. .46 - .47
Dioxan, dms., c.l., frt. alld..lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, destructive dist., dms., divd. E..gal. .70 - .71
tanks, divd. E.....gal. .60 - .61
steam-dist., dms., divd. E..gal. .71 - .75
tanks, divd. E.....gal. .62 - .65

Diphenyl,[2] bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .46 - .50
dms. .....lb. .43 - .45
Diphenylamine, bbls.....lb. .36 - —
Diphenylguanidin, dms., tons..lb. .35 - —
smaller lots.....lb. .36 - .37

Divi-divi,[1,2] 42% tannin, c.l., U.S. ports, ex dock..ton.70.00 -71.00
35% tannin, c.l., same basis.. ton.66.00 -69.00

Dograss root, dom., cut, bls..lb. .30 - .35
imp., NF, cut, bls.....lb. .45 - .50
Dogwood, Jamaica, bark, bls..lb. .12 - .14
Dover's powder, USP, cns....lb. No stocks
Dragon's blood, drops, cs.....lb. .55 - .60
reeds, cs.....lb. No stocks

Dyes, coaltar (certified colors for foods, drugs and cosmetics), 5-lb. lots—
Blue, FD&C, No. 1, cns.....lb.12.00 - —
Green, FD&C, No. 1 cns....lb.12.00 - —
No. 2, cns.....lb.17.00 - —
No. 3, cns.....lb.27.00 - —
Orange, FD&C, No. 1, cns..lb. 2.60 - —
No. 2, cns.....lb. 3.55 - —
Red, FD&C, No. 1, cns.....lb. 5.75 - —
No. 2, cns.....lb. 3.05 - —
No. 3, cns.....lb.17.00 - —
No. 4, cns.....lb. 5.50 - —
No. 22, cns.....lb. 4.05 - —
Yellow, FD&C, No. 1 cns..lb. 3.00 - —
No. 3, cns.....lb. 2.55 - —
No. 4, cns.....lb. 2.55 - —
No. 5, cns.....lb. 3.05 - —
No. 6, cns.....lb. 3.05 - —

Dyes, coaltar (certified colors for drugs and cosmetics), 1-lb. lots—
Black, D&C, No. 1, cns.....lb. 2.35 - —
Blue, D&C, No. 4, cns.....lb.12.35 - —
Brown, D&C, No. 1, cns....lb.12.35 - —
Green, D&C, No. 5, cns.....lb.12.35 - —
No. 6, cns.....lb.12.35 - —
Orange, D&C, No. 3, cns....lb. 3.35 - —
No. 4, cns.....lb.15.35 - —
No. 10, cns.....lb.15.35 - —
Red, D&C, No. 6, cns.....lb. 2.85 - —
No. 17, cns.....lb. 6.35 - —
No. 19, cns.....lb.15.35 - —
Yellow, D&C, No. 7, cns....lb. 3.35 - —
No. 8, cns.....lb. 3.35 - —
No. 11, cns.....lb.10.35 - —
No. 19, cns.....lb.15.35 - —
No. 22, cns.....lb. 6.35 - —
No. 33, cns.....lb.15.35 - —
No. 37, cns.....lb.12.35 - —

Dyes, coaltar (certified colors for external use drugs and cosmetics), 1-lb. lots—
Blue, Ext. D&C, No. 1, cns..lb.12.35 - —
Green, Ext., D&C, No. 1, cns. lb.12.35 - —
Red, Ext. D&C, No. 1, cns..lb.10.35 - —
No. 8, cns.....lb.21.35 - —
No. 9, cns.....lb. 7.65 - —
No. 10, cns.....lb.12.35 - —
No. 12, cns.....lb.12.35 - —
Yellow, Ext. D&C, No. 1, cns. lb. 3.35 - —

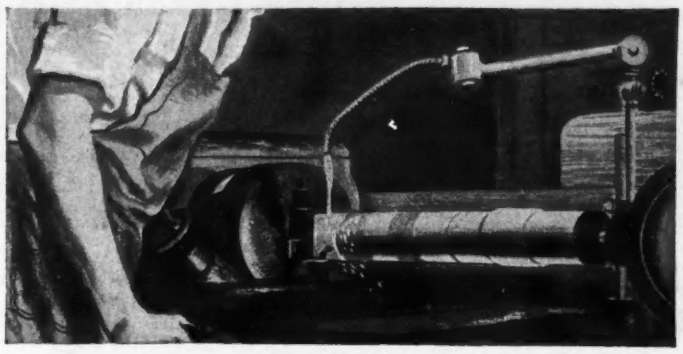
Dyes, coaltar, for general uses (numbers are those of Colour Index scale)—
36 Chrome yellow, 2G...lb. .65 - .70
40 Chrome yellow R.....lb. .80 - 1.00
58 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A.....lb. .58 - .62
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste..lb. .95 - .98
189 Lake red R, powd....lb. 3.00 - 3.10
202 Chrome blue black U.lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow .....lb. .85 - .90
307 Fast cyanin black B.lb. .80 - .85
326 Direct fast scarlet...lb. 2.00 - 2.25
365 Chyrophenin G.....lb. .68 - .70
382 Direct scarlet B.....lb. 1.15 - 1.30
387 Direct violet B.....lb. 1.00 - 1.20
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN, lb. .45 - .60
406 Direct blue 2B.....lb. .68 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F....lb. .70 - .73
420 Direct brown M.....lb. .55 - .57
448 Benso purpurin 4B...lb. .65 - .68
466 Benso purpurin 10B..lb. .40 - .50
lb. .35 - .50
502 Direct ascrin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
515 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue.....lb. .50 - 1.00
530 Direct fast black FF.lb. .55 - 1.00
561 Direct black EW.....lb. .50 - .54
562 Direct black RX.....lb. .35 - .45

Dyes, coaltar, for general uses (numbers are those of Colour Index scale)—
593 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 2GO...lb. .55 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet .....lb. 1.00 - 3.00
612 Primulin .....lb. .70 - .75
614 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble). lb. .35 - .80
1177 Indigo, 20%, paste....lb. .15 - .18
Benso fast black L..lb. .90 - 1.00
Sulphur black .....lb. .20 - .25
Sulphur blue .....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .30
Sulphur maroon ....lb. .40 - —
Sulphur tan .....lb. .30 - .50
Sulphur olive .....lb. .25 - .54
Sulphur yellow ....lb. .30 - .50
Zambesi black.....lb. .75 - .90

Dyes, coaltar, for stains, oil-soluble (prices E. in barrels of 250 lbs. each; 25 lbs. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
865 Nigrosin derivatives ...lb. .36 - .44
Blue—
7075 Alizarin astral base...lb.15.00 - —
1078 Alizarin cyanin, green base..lb. 6.00 - —
Brown—
Brown .....lb. 1.15 - —
Green—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —

Dyes, coaltar, for stains, oil-soluble (prices E. in barrels of 250 lbs. each; 25 lbs. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Orange—
24 Sudan I .....lb. .75 - —
Red shade .....lb. .75 - —
Red—
75 Sudan II .....lb. 1.05 - —
226 Sudan IV .....lb. .85 - —
680 Oil violet .....lb. .60 - —
749 Rhodamine B (oil pink). lb. 2.50 - —
1060 Anthraquinone, violet base..lb.[2]6.00 - —
Yellow—
15 Amidoazobenzene yellow.. lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
246 Naphthol blue black S.. lb. .50 - —
729 Victoria blue B.....lb. 1.35 - —
861 Indulin .....lb. .87 - —
873 Methylene gray.....lb. 1.50 - —
909 New blue F.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B....lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Blue—
714 Patent blue A.....lb. 1.05 - 1.10



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HUMECTANTS
COUPLING AGENTS
PLASTICIZERS
HYDRAULIC FLUIDS
HEAT-TRANSFER MEDIA
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In the formulation of soluble oils, careful balancing of the ingredients will yield a product of high stability impossible if no coupling agent is employed. Diethylene Glycol and Dipropylene Glycol, low-cost mutual solvents, have proved themselves superior coupling agents in soluble oils. This is one of the many important jobs Dow Glycols are handling in industry today.

In compounding a soluble oil it is necessary to use an emulsifying agent, usually fatty acids partially neutralized. The mixture of a mineral oil, the fatty acid, and fatty acid soap emulsifying agent, and water does not form a stable emulsion. The solvent action of Dow Glycols accomplishes the formation of the homogeneous, stable composition.

The Dow Glycols are truly "opportunity chemicals" . . . showing the way to lower costs and simpler processes in many manufacturing operations. Write to Dow for all the facts . . . see how the Glycols can work for you!

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DOW

CHEMICALS INDISPENSABLE TO INDUSTRY AND AGRICULTURE

Dyes, coaltar, for stains, spirit-soluble (price in barrels of 250 lbs. each; 25 lb. lots and up, 5c. per lb. higher, sellers' works or warehouse).

Brown—
231 Bismarck brown G....lb. .47 - .63
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
632 Bismarck brown R....lb. .47 - .63
702 Phosphin ....lb. 4.65 - —

Green—
5 Naphthol green B....lb. 1.00 - —
607 Malacrite green....lb. 1.35 - —
662 Brilliant green....lb. 2.00 - —
606 Guinea green B....lb. 1.15 - —
737 Wool green S....lb. .58 - —
924 Methylene green B....lb. 1.55 - —
1078 Alizarin cyanin green..lb. 2.00 - —

Orange—
10 Chrysodin G....lb. .44 - —
21 Chrysodin R....lb. .41 - —
27 Orange G....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol red 6B..lb. .66 - —
151 Orange T....lb. .31 - .32
161 Orange R....lb. .34 - —

Red—
79 Ponceau R....lb. .43 - —
88 Fast red B....lb. 1.65 - —
176 Fast red A....lb. .54 - —
179 Azorubin ....lb. .69 - —
183 Crocein scarlet 3BX....lb. .72 - .75
185 Cochineal red A....lb. .50 - —
262 Brilliant crocein M....lb. .68 - —
677 Fuchsin ....lb. 2.10 - —
749 Rhodamine B....lb. 3.50 - —
752 Rhodamine 6B....lb. 4.50 - —
768 Eosin G....lb. 1.50 - —
841 Safranin ....lb. 1.45 - —

Violet—
680 Methyl violet B....lb. .70 - .75
681 Crystal violet B....lb. 1.75 - —
696 Acid violet 4BN....lb. .65 - —

Yellow—
10 Naphthol yellow S....lb. .53 - —
188 Metanil yellow....lb. .56 - .58
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow....lb. 1.15 - —
640 Tartrazin ....lb. .80 - —
655 Auramine ....lb. 1.27 - —

Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; 25 lb. lots and up, 5c. per lb. higher, sellers' works or warehouse).

Black—
864 Nigrosin ....lb. .38 - .44

Blue—
800 Indulin ....lb. .60 - .70

Brown—
831 Bismarck brown....lb. 1.50 - —

Green—
637 Malachite green base..lb. 2.00 - —

Orange—
20 Chrysoidin G....lb. .95 - —
21 Chrysoidin R....lb. .96 - —

Red—
677 Fuchsin, magenta, base.. lb. 7.25 - —
749 Rhodamine R....lb. 4.75 - —

Yellow—
67 Amidoazotoluene yellow.. lb. .75 - —
655 Auramine ....lb. 2.00 - —
800 Chinolin yellow SS....lb. 2.00 - —

Violet—
680 Methyl violet base....lb. .85 - —

Dyes, natural (see name of article).

E

Echinacea root, bls....lb. .70 - .75
Egg,[1,7] albumen (see Albumen).
Yolk,[1,7] dried, dom., bbls....lb. 1.06 - 1.12
imported ....lb. No stocks
Elder flowers, bright, bls....lb. .75 - .85
Elecampane root, bls....lb. .50 - .55
Elm bark, grinding, bls....lb. .35 - .38
powd., bbls., bxs....lb. .53 - .58
select, bndls. ....lb. .55 - .56
Emetine hydrochloride, bots..oz.53.50 -56.00
Ephedra, bls....lb. .28 - .30
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.25
Hydrochloride, tins ....oz. .95 - 1.45
Sulphate, tins ....oz. .95 - 1.45
synthetic, USP, anhydrous, bots..100 ozs. .65 - —
hydrous, bots, 100 oz....oz. .85 - —
Hydrochloride, tin, 100 ozs.oz. .80 - —
Sulphate, cryst., tins, 100 ozs. oz. .48 - —
Epinephrine, synth., USP, bots. gram .70 - .95
Epsom salt, tech., cryst., bgs., c.l...100 lbs. 1.80 - 1.95
l.c.l. ....100 lbs. 2.15 - 2.40
dried, bgs....lb. 02½- —
l.c.l., bgs....lb. .04 - .07
USP, cryst., bgs., l.c.l.100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots....100 lbs. 2.50 - —
bbls., c.l. ....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots....100 lbs. 2.60 - —
kgs., c.l. ....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots....100 lbs. 2.85 - —

Epsom salt prices freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.

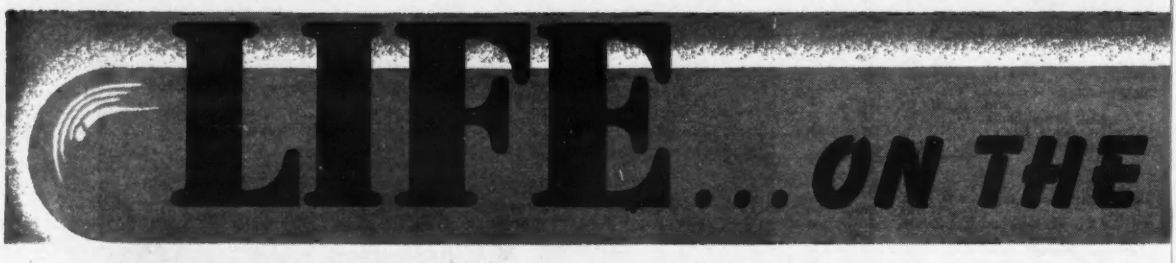
Ergot, USP, ens....lb. 1.65 - 1.70
Eserine, bots....oz. No prices
Sulphate, bots....oz.65.00 - —
Ether, acetic (see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., divd....lb. .30 - —
Ethyl (see Ether, sulphuric).
Ether, nitrous, cons., bots., 100 lbs..lb. .98 - 1.16
Sulphuric, cons., dms....lb. .11 - .16
USP anesthesia, hospitals, 1-lb. ens..lb. .60 - .80
Synthetic, dms., c.l., frt. alld. lb. .11 - —
l.c.l., same basis ....lb. .13 - —
tanks, same basis....lb. .09 - —
Ethyl acetate, natural, fermentation, 85-88%, dms., c.l., frt. alld..lb. .1275- —
l.c.l., frt. alld....lb. .1325- —
tanks, frt. alld....lb. .1175- —
95-98%, dms., c.l., frt. alld. lb. .13 - .1325
l.c.l., frt. alld....lb. .1350- .1425
tanks, frt. alld....lb. .12 - .1250
99%, dms., c.l., frt. alld.lb. .13 - .1345
l.c.l., frt. alld....lb. .1350- .1395
tanks, frt. alld....lb. .12 - .1250
synthetic, 85-90%, dms., c.l., frt. alld..lb. .09½- —
l.c.l., frt. alld....lb. .10 - —
tanks, frt. alld....lb. .08½- —
95-98%, dms., c.l., frt. alld. lb. .09½- —
l.c.l., frt. alld....lb. .10½- —
tanks, frt. alld....lb. .09½- —
N.F., dms....lb. .14½- .15½
Acetoacetate, dms., c.l., works. lb. .97½- —
l.c.l., frt. alld....lb. .98 - —

Ethyl benzoate, bots....lb. .50 - .52
Bromide, tech., dms....lb. .50 - .55
Carbamate, dms., dvid. E...lb. .58 - —
Chloride, tech., dms....lb. .18 - .20
USP, bbls., cyl....lb. .20 - .22
Cinnamate, cns. ....lb. 2.65 - 2.85
Formate, dms., Agnus, Calif., lb. .26 - .33
Iodide, bots....lb. 2.80 - 2.95
Lactate, dms., works....lb. .32½- .35½
Myristate, dms., works....lb. .55 - —
Oenanthate, dms....lb. 1.10 - 1.15
Oleate, dms., l.c.l., works..lb. .47 - —
Oxalate, dms., frt. alld....lb. .25 - —
Silicate, dist. (see Tetraethyl orthosilicate).
40% available SiO_2, dms., works..lb. .50 - —
Ethylcellulose, pkgs., 5,000 lbs. or more, works..lb. .50 - —
smaller lots, works....lb. .52 - .60
Ethyldiethanolamine, dms., l.c.l., works..lb. .80 - —
Ethylene, dichloride, dms., c.l., works, frt. alld. E. of Rockies, frt. alld..lb. .0542- —
West of Rockies..lb. .0691- —
l.c.l., works, frt. alld. E. of Rockies..lb. .0691- —
West of Rockies..lb. .0941- —
tanks, frt. alld. E. of Rockies, lb. .0742- —
West of Rockies..lb. .0792- —
Trichloride (see Trichloroethane).
Ethyleneglycol, dms., c.l., frt alld. in E... .10 - —
l.c.l., same basis....lb. .11 - —
tanks, same basis....lb. .09 - —
Monobutylether, dms., c.l., wks. lb. .17½- —
l.c.l., works ....lb. .18½- —
tanks, works ....lb. .16½- —
Ethyleneglycol monoethylether, dms., c.l., works..lb. .15½- —
l.c.l., works ....lb. .16½- —
tanks, works ....lb. .14½- —
Monoethylether acetate, dms., c.l., works..lb. .13½- —
l.c.l., works ....lb. .14½- —
tanks, works ....lb. .12½- —
Monobutylether, dms., c.l., wks. lb. .16½- —
l.c.l., works ....lb. .17½- —
tanks, works ....lb. .15½- —
Ethylethanolamine, dms., c.l., wks. lb. .57 - —
l.c.l., works ....lb. .60 - —
Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
Ethylmorphine, hydrochloride, bots..oz.10.50 -10.75
Ethylvanillin,[1] cns., 5 lbs. or more..lb. 5.25 - —
smaller lots ....lb. 5.30 - 5.40
Eucalyptol, cns., dms....lb. 2.25 - 2.35
Eucalyptus leaves, bls....lb. .14 - .15
Eugenol, cns., dms....lb. 2.05 - 2.25
Euphorbia, bls....lb. .13 - .14

F

Feldspar, enamel, 100 mesh..ton.17.00 -20.50
bulk, c.l. ....ton.14.00 -17.50
glass, 20 mesh, bgs., works, min. 2 tons..ton.12.75 -16.25
bulk, c.l. ....ton. 9.75 -12.25
pottery, bgs., l.c.l., works, min. 2 tons..ton.20.00 -22.00
bulk, c.l., works....ton.17.00 -18.00

Fennel seed, Argentine, bgs., futures..lb. .13 - .18½
Indian, bgs., futures....lb. .20 - .20¾
Fenugreek, domestic, futures, bgs. lb. .08½- .09
Indian, bgs., futures....lb. .09 - .09½
Morocco, bgs. ....lb. .08¾- .09¼
Ferric sulphate (see Iron sulphate, ferric).
Film scrap, colored, cs., works.lb. .13½- .15
water-white, cs., works....lb. .14½- .11
Fir balsam, Canada, cns....gal.19.00 -19.50
Oregon, bbls. ....gal. 2.25 - 2.40
Fishberries, bgs. ....lb. .24 - .25
Fishliver oils (see Oil, fishliver).
Fishmeal,[1,7] grd., 60% protein, bgs., E. works..ton.145.00 - —
65% protein, bgs., E. works. ton.155.00 - —
Fishscrap,[7] dried, 60% protein, bulk, Mast coast..ton.135.00 - —
Flake white, bbls....lb. .09 - —
kegs ....lb. .11 - —
Flaxseed, black, bgs....lb. .60 - .62
Blonde, bgs. ....lb. .23 - .25
Fluorspar,[1] No. 1, ground, 95-97% CaF_2 bulk, c.l., mines, net ton.37.000- —
washed, gravel, 70% or more CaF_2, c.l., bulk, mines, ton.53.000 - —
65% c.l., bulk, mines....ton.32.00 - —
60% c.l., bulk, mines....ton.31.00 - —
less than 60%, c.l., bulk, mines..ton.30.00 - —
Formaldehyde,[1] bbls., c.l., works, lb. .0620- —
l.c.l., works ....lb. .0570- —
dms., extra, c.l., works....lb. .0460- —
l.c.l., works ....lb. .0510- —
tanks, works....lb. .0520- —
tanktrucks, blvd., N.Y.C....lb. .0345- —



FILT-R-STIL* ION EXCHANGE DEMINERALIZING UNITS, NOW AVAILABLE, PROVIDE NEW, EASY LOW-COST WAY TO GET "CHEMICALLY PURE" WATER FOR DIVERSIFIED NEEDS

If water is one of your raw materials, you'll want to investigate Cyanamid's new FILT-R-STIL Units for delivering chemically pure water...water that is standardized and quality-controlled, like any other chemical...water that is really H_2O, C.P.! FILT-R-STIL Units contain IONAC* ion exchange resins, new synthetic chemicals that remove ionized solids without imparting color, odor or taste to the solution treated. The process involved is comparable to a simple, cold filtration.

Besides the Units shown here, other standard Units with capacities of 150, 300, 600 and 1200 gallons per hour are available. Special Units have been designed for applications requiring capacities in excess of 1,000,000 gallons per day.

Units shown and larger models are immediately available. Write us for complete data on FILT-R-STIL Demineralizing Units and IONAC ion exchange resins.

FILT-R-STIL Water Demineralizing Units produce:

- Water chemically equal to, or better than, distilled water . . . *and at lower cost.*
- Water of uniform quality . . . *even with a varying raw water supply.*
- Water stripped of its ionized solids content . . . *completely or partially—as specified.*

Here are some of the advantages inherent in the equipment itself:

- No heat, no cooling water, no periodic dismantling required . . . *and no scale formation.*
- Compact, self-contained, completely assembled . . . *require only connection to raw water source, drain, and electrical outlet.*
- Easy to install, maintain, and operate . . . *with long life, efficient service, and reliable results.*
- Automatic, precise, quality controls . . . *indicating the quality of the effluent (not volume treated or time consumed).*

(*Left*) **FILT-R-STIL CARTRID UNIT,** with a maximum fl rate of 10 gal. per ho contains a disposable ca ridge of IONAC resi When the demineralizi capacity of the resins exhausted, the cartric may be discarded and new one inserted. Over dimensions: 8" wide, 1 deep, and 22" high.

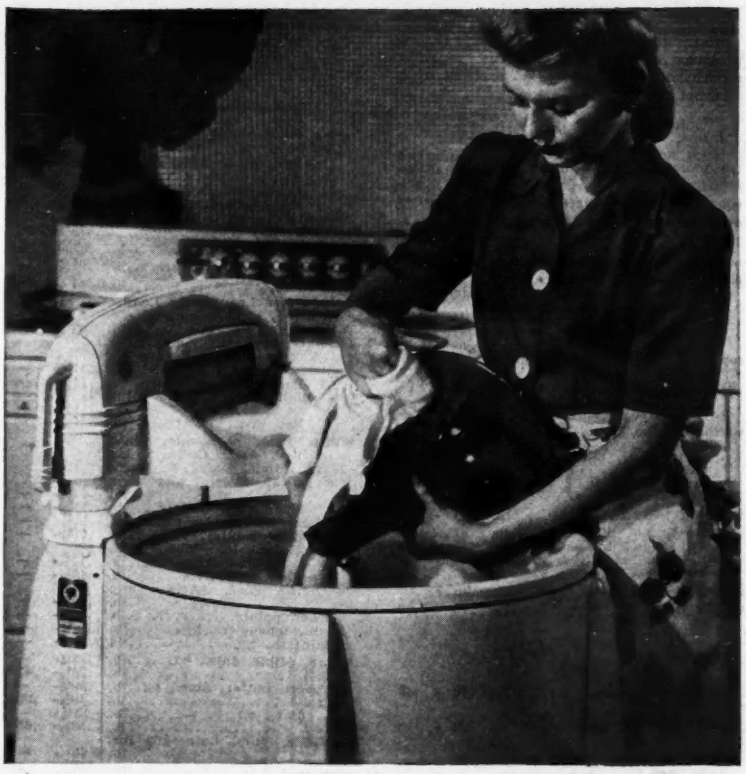
(*Left*) **FILT-R-STIL "LAB" UNIT,** with a maximum flow rate of gal. per hour, utilizes four columns containing IONAC resi The "Lab" Unit is the smallest of the regenerative-ty Units. When the resins in the columns have reached th demineralizing capacity, they are easily regenerated w dilute acid and alkali solutions and ready for reuse. Cycles use and regeneration can be repeated indefinitely.

Fringetree bark, bls.	**lb.**	**.55**	**- .56**
Fuller's earth, dom., powd., bgs., c.l., Fla., Ga. mines	ton.	8.50	-15.00
Tex. mines	ton.	12.50	- —
spent, bulk, Bayonne	ton.	5.00	- —
imp., bgs., c.l.	ton.	30.00	-40.00
Furfural, ref., dms., c.l. works.	lb.	.15½	- —
cns., dms., l.c.l., works	lb.	.15½	- .25½
tech., dms., c.l., works	lb.	.12	- —
l.c.l., cns., dms.	lb.	.15½	- .26½
tanks, works	lb.	.09½	- —
Fusel oil, crude, dms., works	gal.	.75	- —
refd., dms., dlvd.	lb.	18½	- .19½
Fustic extract, cryst., No. 1, bbls., l.c.l.	lb.	.33	- —
No. 1A, bbls., l.c.l.	lb.	.34	- —
No. 2, bbls., l.c.l.	lb.	.33	- —
No. 3, bbls., l.c.l.	lb.	.31	- —
liquid, No. 0, bbls., l.c.l.	lb.	.19	- —
No. 1, bbls., l.c.l.	lb.	.17½	- —
No. 2, bbls., l.c.l.	lb.	.16½	- —
No. 3, bbls., l.c.l.	lb.	.14	- —
solid, No. 1, bxs., l.c.l.	lb.	.30½	- —

G

G salt, bbls.	**lb.**	**.45**	**- —**
Galangal root, bls., futures	lb.	.30	- .31
Gambier, cube, Singapore, cs.	lb.	No stocks	
Extract, bbls.	lb.	No stocks	
Gammapicoline, 95%, dms., c.l., works.	lb.	1.35	- —
Gasoline,[1] at refinery, ex tax, Arkansas, 73-75 octane, tanks.	gal.	.06½	- .06½
Bayonne, 74 octane, tanks.	gal.	.0780	- —
Gulf Coast, 73-75 octane, tanks.	gal.	.06½	- .07¼
Gasoline, at refinery, ex tax, Group 3, 73-75 octane, tanks.	gal.	.05¼	- .06½
Pennsylvania, western, U.S. motor, 74 octane, leaded, tanks.	gal.	.07½	- .08¼
natural, 26/70 octane, Group 3, tanks.	gal.	.03¼	- .03¾
Gelatin, silver label, ctns., dlvd.	**lb.**	**.90**	**- .97**
export, cs.	**lb.**	**1.00**	**- —**
Silver label prices 5c. higher for deliveries in Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash. and Wyo.			
Gelsemium root, bls.	**lb.**	**.40**	**- .45**
Gentian root, bls.	**lb.**	**.29**	**- .30**
grd., bbls., bxs.	**lb.**	**.35**	**- .36**
powd., bbls., bxs.	**lb.**	**.34**	**- .35**
Geraniol, 92-96%, cns., dms.	**lb.**	**No prices**	
Geranyl acetate, cns.	**lb.**	**No prices**	
Ginger, African, No. 1, bls.	lb.	.15½	- .16
Calicut, Romeo-type, bgs.	lb.	.16	- .16½
Cochin, bleached, bgs.	lb.	.16	- .16½
unbleached, bgs.	lb.	.15¼	- .15¾
Jamaica, No. 1, bgs.	lb.	.23	- .23½
No. 2, bgs.	lb.	.16½	- .17
No. 3, bgs.	lb.	.14½	- .15
Rhattoon, bgs.	lb.	.14½	- .15
Glauber's salt, anhyd. (see Soda sulphate).			
cryst., bgs., bbls., works, 100 lbs.		**1.65**	**- 1.45**
Glue, bone, calcium type, 24 millipoise, 36 jellygrams, bgs., c.l., East of Midwest.	**lb.**	**.16**	**- .23**
30/36, bgs., c.l., same basis.	**lb.**	**.15½**	**- .22½**
36/32, bgs., c.l., same basis.	**lb.**	**.17**	**- .24**
32/108, bgs., c.l., same basis.	**lb.**	**.16½**	**- .25½**
Bone glue, l.c.l. prices 1c. higher than c.l.			
Glue, hide,[1] 100-121 (jelly test in grams), bgs., c.l., dlvd.	lb.	.14	- .21½
122-149, bgs., c.l., dlvd.	lb.	.15	- .22½
150-177, bgs., c.l., dlvd.	lb.	.16	- .23½
178-206, bgs., c.l., dlvd.	lb.	.17	- .24½
207-236, bgs., c.l., dlvd.	lb.	.18	- .25½
237-266, bgs., c.l., dlvd.	lb.	.19	- .26½
267-298, bgs., c.l., dlvd.	lb.	.20	- .27½
299-330, bgs., c.l., dlvd.	lb.	.21	- .28½
331-362, bgs., c.l., dlvd.	lb.	.22	- .29½
363-394, bgs., c.l., dlvd.	lb.	.23	- .30½
395-427, bgs., c.l., dlvd.	lb.	.24	- .31½
428-460, bgs., c.l., dlvd.	lb.	.25	- .32½
461-494, bgs., c.l., dlvd.	lb.	.26	- .33½
495-529, bgs., c.l., dlvd.	lb.	.27	- .34½
Hide glue l.c.l., prices 1c higher than c.l.; bbls., ½c., over bgs.			
Glycerin, crude, saponification, 88%, to refiners, tanks.	lb.	.12¾	- —
soaplye, 80%, tanks.	lb.	.11½	- —
dynamite, dms., c.l.	lb.	.17½	- .18¼
l.c.l.	lb.	.18	- .18¾
tanks	lb.	.17¼	- .18
high gravity, dms., c.l.	lb.	.17½	- .18½
l.c.l.	lb.	.18	- .18¾
tanks	lb.	.17¼	- .18
refined, B.P., 98%, dms., c.l.	lb.	.18¾	- —
tanks	lb.	.18½	- —
USP, 95%, dms., c.l.	lb.	.18¼	- —
tanks	lb.	.18	- —
yellow, distilled, dms., c.l.	lb.	.17¾	- —
tanks	lb.	.17¾	- —
Glycine, USP (see Acid, aminoacetic).			
Glycol borborate, dms.	lb.	.22	- —
Stearate, dms.	lb.	.26	- —
Gold chloride, acid-brown, bots.	oz.	20.75	-21.00
acid-yellow, bots.	oz.	18.75	-19.00
Gold-soda chloride, photo., bots.	oz.	13.00	- —
USP IX, bots.	oz.	14.50	-14.75
Goldenseal root, bls.	lb.	8.75	- 9.00
powd., bxs.	lb.	9.25	- 9.50
Gold of pleasure seed, bgs.	lb.	No stocks	
Grains of paradise, bgs.	lb.	.43	- .45
Graphite, dom., crystalline, 80% through 50 mesh, graphitic carbon content 65-70%, bgs., whse.	lb.	.04½	- —
70-75%, bgs., same basis.	lb.	.05	- —
75-80%, bgs., same basis.	lb.	.05½	- —
80-85%, bgs., same basis.	lb.	.06	- —
85-90%, bgs., same basis.	lb.	.07	- —
90% and up, same basis.	lb.	.08	- —
imported, amorphous, powd., dlvd.	lb.	.04	- .06
crystalline, 88-90%, powd., same basis.	lb.	.14	- .16
90-92%, powd., same basis.	lb.	.16	- .19
97% powd., same basis	lb.	.22	- .25
flake, No. 1, 90-95%, 200-lb. crtns, same basis.	lb.	.21	- .22
No. 2, same basis	lb.	.22	- .24
Grease, house,[1,7] loose	lb.	.06¼	- —
White, choice, loose	lb.	.08¾	- —
Wool (see Adeps lanae and Degras).			
Green, brilliant,[1] thioflavin toner, molybdic, kegs., works.	**lb.**	**3.25**	**- —**
tungstic, kgs., works.	**lb.**	**3.75**	**- —**
Chrome,[1] CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	**lb.**	**.24**	**- —**
6-10%, bbls., same basis.	lb.	.25	- —
11-15%, bbls., same basis.	lb.	.26	- —
16-20%, bbls., same basis.	lb.	.26½	- —
21-25%, bbls., same basis.	lb.	.27	- —
26-30%, bbls., same basis.	lb.	.27½	- —
31-35%, bbls., same basis.	lb.	.28½	- —
36-40%, bbls., same basis.	lb.	.29½	- —
41-45%, bbls., same basis.	lb.	.31	- —
46-50%, bbls., same basis.	lb.	.32½	- —
50% and over, bbls., same basis.	lb.	.33½	- —
reduced color, 5%, bbls., same basis.	lb.	.09¾	- —
9-10%, bbls., same basis.	lb.	.07½	- —
11-13%, bbls., same basis.	lb.	.08	- —
14-16%, bbls., same basis.	lb.	.08½	- —
17-19%, bbls., same basis.	lb.	.08¾	- —
20-21%, bbls., same basis.	lb.	.09¼	- —
22-23%, bbls., same basis.	lb.	.09	- —
24-25%, bbls., same basis.	lb.	.09¼	- —
26-27%, bbls., same basis.	lb.	.09½	- —
28-29%, bbls., same basis.	lb.	.10	- —
30-31%, bbls., same basis.	lb.	.10	- —
30-31%, bbls., same basis.	lb.	.10½	- —
32-33%, bbls., same basis.	lb.	.12	- —
34-35%, bbls., same basis.	lb.	.12	- —
36-40%, bbls., same basis.	lb.	.14	- —
41-45%, bbls., same basis.	lb.	.17	- —
46-50%, bbls., same basis.	lb.	.17½	- —
51-60%, bbls., same basis.	lb.	.18	- —
56-60%, bbls., same basis.	lb.	.18½	- —
61-65%, bbls., same basis.	lb.	.19	- —
70%, bbls., same basis.	lb.	.20	- —
70%, bbls., same basis.	lb.	.20	- —
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.			
Chrome oxide, pure, dms., works.	lb.	.24	- —
Malachite, thioflavin toner, molybdic, bbls., works.	lb.	3.00	- —
tungstic, bbls., works.	lb.	3.50	- —
Phthalocyanin,[1] tetrahydroxide (hydrated chromium oxide), bbls., works.	lb.	.85	- —
toner, bbls., works.	lb.	4.00	- 5.00
Paris (see P).			
Tungstated, brilliant, kgs.	**lb.**	**3.00**	**- —**
emerald, kgs.	**lb.**	**2.00**	**- —**
Verdigris (see V).			
Green dyes (see Dyes, coaltar).			
Grindelia robusta, bls.	**lb.**	**.21**	**- .22**
Guaiac, resin, cs.	**lb.**	**.83**	**- .84**
Wood, bls.	**lb.**	**.25**	**- .26**
Guaiacol, cryst., N.F., tins.	**lb.**	**1.60**	**- 1.65**
Liquid, N.F., bots., cbys.	**lb.**	**1.60**	**- 1.64**
Carbonate, dms.	**lb.**	**2.40**	**- 2.45**
Guarana, powd., cs.	**lb.**	**2.00**	**- 2.10**
Gum accroides (see Gum, yucca).			
Aloe (see A).			
Ammoniac, tears, cs.	**lb.**	**.96**	**- .95**
Arabic, amber, sorts, bgs.	**lb.**	**.14¾**	**- .14¾**
white, sorts, 1, bgs.	**lb.**	**.28**	**- .30**
Asafetida (see A).			
Asphaltum (see A).			
Benzoin, artificial, cns.	**lb.**	**1.75**	**- 2.55**
Camphor (see C).			
Copal, Congo (former dollar-and-cent ceilings revoked Feb. 2. New ceiling prices are to be based on prices to be paid by importers in the Belgian Congo plus landed costs, as determined by a formula under the new import regulations).			
East India (former dollar-and-cents ceilings on all other copals revoked May 21. New ceiling prices are to be figured on same basis as Congo).			
Manila, No. 1, hard, bold, amber, light, bakts, c.l., whse.	lb.	.25	- —
Dammar (former dollar-and-cent ceiling on Batavia and Singapore revoked May 21. New ceiling prices are to be figured on same basis as copals).			
Elemi (former dollar-and-cent ceilings on elemi revoked May 21. New ceiling prices to be figured on same basis as copals).			
Ester,[7] gum-resin type, dms., c.l., dlvd., Ill., Ind., Ky., Mich., Mid-Atl. States, N. England States, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va.	lb.	.1500	- —
l.c.l., dlvd., Ill., etc.	lb.	.1325	- —
other points, same basis.	lb.	.1400	- —
wood-rosin type (formerly designated as "ordinary"), dms., c.l., dlvd. Ill., Ind., etc.	lb.	.1050	- .1075
Euphorbium, cs.	**lb.**	**1.50**	**Nom.**
Galbanum, cs.	**lb.**	**1.00**	**- 1.05**
Gamboge, pipes, cs.	**lb.**	**No stocks**	
powd., bbls.	**lb.**	**No stocks**	
Ghatti, bgs.	**lb.**	**No stocks**	
Guaiac (see Guaiac resin).			
Karaya, bbls., bxs., dms.	**lb.**	**.31**	**- .32**

CHEMICAL NEWSFRONT



(*Right*) **HERE IS COLOR,** for the first time, in a shock-resistant, thermosetting plastic. This brilliant, permanent color is helping sell many household appliances because housewives like brighter, more cheerful-looking kitchens and laundries. During the war, Cyanamid's Plastics Division developed this special impact-resistant MELMAC* molding material in brown and black for hospital trays, food service, and various industrial uses. In addition to strength, it had the advantages of being lightweight, chemically inert, odorless, and tasteless. At the end of the war, Cyanamid added color for consumer appeal. Today many modern utilitarian products are being molded of this new MELMAC plastic.

It is available in red, blue, green, ivory, white, brown, and black, for such applications as this washing machine agitator molded by Eclipse Moulded Products Company for Speed Queen Washing Machine, tableware, food trays, vacuum cleaner housings, refrigerator and stove parts, syrup dispensers, germicide containers, bottle warmers, and many new products.

(*Below*) **LATEST ADVANCE** in synthetic fluid cracking catalysts for petroleum refining is Cyanamid's microspheroidal catalyst—AEROCAT**MS-A. Compare the spheroidal shape and controlled particle size distribution of AEROCAT MS-A (*left*) with the irregular sharp particles found in the ground catalyst (*right*). The following superior physical features of AEROCAT MS-A also result in operating and economic advantages:

Minimum Amount of Fines
Resistance to Attrition
Increased Catalytic Efficiency
Improved Flow Characteristics

(Left) AEROCAT MS-A (x100) (Right) FRESH GROUND CATALYST (x100)

An Invitation!

American Cyanamid will occupy Booth No. N49 at the National Chemical Exposition in the Chicago Coliseum, September 10th through September 14th. FILT-R-STIL *Demineralizing Units will be featured.* You are cordially invited to attend, and we hope visit with us. A request on your Company letterhead for an admission ticket to the Exposition will be promptly filled.

**Trade-mark of American Cyanamid & Chemical Corporation denoting cracking catalyst of its manufacture.

*Reg. U. S. Pat. Off.

American Cyanamid & Chemical Corporation

A Unit of American Cyanamid Company

30 ROCKEFELLER PLAZA · NEW YORK 20, N. Y.

Gum kauri (former dollar-and-cent ceilings revoked May 21. New ceiling prices are to be based on prices to be figured on same basis as copals).
Locust bean, powd., bbls....lb. .50 - .60
Mastic, cs.....lb. 3.50 Nom.
Myrrh, cs.....lb. .46 - .50
Olibanum, siftings, cs.....lb. .12 - .13
tears, cs.....lb. .27 - .45
Opium (see O).
Red (see Gum, yacca).
Rosin (see R).
Sandarac (former dollar-and-cent ceiling prices revoked May 21. New ceiling prices are to be figured on same basis as copals).
Soammony, cs.....lb. 1.30 - 1.35
Talha, brs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 5.00 - 5.25
No. 2, cs.....lb. 3.65 - 3.90
No. 3, cs.....lb. 3.20 - 3.45
Yacca (former dollar-and-cent ceiling prices revoked May 21. New ceiling prices to be figured on same basis as copals).
Gypsum, Keene's cement, paper bgs., c.l., Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.28.35 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.20.65 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.45 - —
Plaster of Paris, paper bgs., c.l., Acme, Texas, frt. equald..ton.12.50 - —
Blue Rapids, Kan., frt. equald..ton.10.50 - —
Harlem River, N. Y., frt. equald..ton.12.00 - —
Medicine Lodge, Kan., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.13 50 - —
Stucco, paper bgs., c.l., Acme, Texas; Akron, N. Y., Blue Rapids, Kan.; Clarence Center, N. Y.; Port Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N.Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Tex.; Southard, Okla.; Sweetwater, Tex.; frt. equald..ton. 8.00 - —
Saltville, Va., frt. equald, ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem river, N. Y., New Brighton, N. Y., same basis..ton.14.40 - —

H

Hawthorn berries, bgs.....lb. .37 - .86
Heliotropin, cryst., cns.....lb. 2.95 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. 2.25 - 2.30
Hematine extract, cryst., No. 6, bbls., l.c.l..lb. .41 - —
No. 1, bbls., l.c.l.....lb. .40 - —
No. 1A, bbls., l.c.l.....lb. .37 - —
No. 2, bbls., l.c.l.....lb. .36 - —
No. 3, bbls., l.c.l.....lb. .34 - —
No. 4, bbls., l.c.l.....lb. .33 - —
No. 5, bbls., l.c.l. .....lb. .30 - —
paste, No. 1, bbls., l.c.l.....lb. .17½- —
No. 2 bbls., l.c.l.....lb. .16½- —
No. 3, bbls., l.c.l.....lb. .15½- —
red, No. 4, bbls., l.c.l.....lb. .14½- —
Hemlock bark extract,[1,6] 25% tan. bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. 1.00 - 1.25
Henna leaves, bls.....lb. .25 - .29
powd., bbls., bxs.....lb. .28 - .31
Heptane,[1] industrial grade, 50°-100° C., dms., c.l., Group 3, gal. .12¼- —
l.c.l., Group 3.....gal. .13 - —
tanks, Group 3.....gal. .10½- —
77°-115° C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .13 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .20 - .55
Hexalin (see cyclonexanol).
Hexamethylenetetramine,[1] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots, same basis..lb. .25 - —
USP, dms., 500 lbs. or more, same basis..lb. .35 - —
smaller lots, same basis..lb. .36 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3. gal. .13½- —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .29 - .55
Hexanol, normal, dms., l.c.l., works..lb. .35 - —
Hematropine hydrobromide, bots. os.15.00 -25.00
Hoofmeal, 17-18% ammonia, bulk, c.l., Chicago..unit-ton. 6.50 - —
Hops, NF, bls.....lb. .56 - 1.50
Horehound, bls.....lb. .10½- .12
Hydrangea root, bls.....lb. .22 - .23
Hydrastine, alkaloid, bots....os.20.00 -22.00
Hydrochloride, bots.....oz.20.00 -22.00
Sulphate, bots.....oz.20.00 -32.00
Hydrastinine, 10-gr. bots....bot. 1.95 - —
Hydrastis (see Goldenseal).
Hydrofluramide, dms., lb. cns., works..lb. .30 - .40
Hydrogen peroxide, USP, bbls. lb. .08½- .04
100 vols., chys., E. of Miss. River or West coast via Panama Canal..lb. .15½- .19½
Hydroquinone, bbls., dms.....lb. .90 - .94
Hydroxycitronellal, cns.....lb. No prices
dms., extra, ret'able, dlvd...lb. No prices
Hyoscine hydrobromide, bots...os.30.00 -45.00
Hyoscyamine, bots.....oz.18.00 -20.00
Hydrobromide, bots.....oz.18.00 -19.50
Sulphate, bots.....oz.14.00 -19.50
Hypernic extract, cryst., No. 1, bbls., l.c.l..lb. .42 - —
No. 2, bbls., l.c.l.....lb. .34 - —
liquid, No. 1, bbls., l.c.l..lb. .24 - —
No. 2, bbls., l.c.l.....lb. .19 - —
solid, No. 1, bxs., l.c.l.....lb. .30 - —
Hyssop, bgs.....lb. .60 - .61
leaves, bgs.....lb. .69 - .70

I

Iceland moss, bgs.....lb. .30 - .32
Ichthammol, NF, bots.....lb. 2.45 - —
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.30
synth., paste, bots.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.19.00 -22.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars....lb. 1.67 - —
150-lb. kgs.....lb. 1.38½- —
resubl., 5-lb. bots., jars.....lb. 1.75 - 1.85
Iodoform, 100-lb. dms., kgs....lb. 3.95 - 4.10
25-lb. jars or fib. dms.....lb. 4.20 - —
Ionone, ketone, bot.....lb. 6.00 - 9.50
Methyl, bot.....lb. 6.25 -12.00
Ipecac root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .20 - .21
powd., 60-80 mesh, bbls..lb. .25 - .26
prime, bleached, bls.....lb. .25 - .29
powd., 60-80 mesh, bbls..lb. .35 - .36
Iron acetate, liquor, bbls., c.l., dlvd..lb. .17 - —
l.c.l., dlvd.....lb. .18 - —
solut., USP IX, 100-lb. cbys.lb. .17 - —
50-lb. djns.....lb. .18 - —
Chloride (ferric), anhydr., tech., dms., c.l., works..100 lbs. 4.90 - 5.25
l.c.l., works.....100 lbs. 6.50 - 6.85
cryst., tech., bbls., works, frt. alld..100 lbs. 4.00 - 6.00
USP X, lump, bbls.....lb. .07 - .08¼
solut., 42 Be, cbys., works, frt. alld. or equald..lb. .05½- .06
djns., same basis.....lb. .10 - —
Citrate, USP VIII, gran., dms., lb. .70 - .75
powd., cns.....lb. .84 - .87
Glycerophosphate, bbls.....lb. 2.40 - 2.52
Hypophosphite, bbls., dms...lb. 1.50 - 1.62
Iodide, bots.....lb. 3.18 - 3.22
Naphthenate, 6% Fe, 50-gal. dms..lb. .18 - —
Nitrate, red., tech., dms....lb. .08½- .04
Oxalate, gran., dms.....lb. .53 - .85
powd., cns.....lb. .52 - —
kgs.....lb. .47 - .49
Phosphate, soluble, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns....lb. .59 - .62
Reduced, 90%, kgs.....lb. .65 - .75
Resinate, 7.4% Fe, 100-lb. dms. lb. .17¼- —
Sulphate (ferric), anhyd., bgs., c.l., works..ton.35.00 - —
l.c.l., works.....ton.40.00 - —
(ferrous) tech. (see Copperas).
USP, cryst., bbls., dms...lb. .06½- .11
Tallate, 4% Fe, 50-gal. dms..lb. .10¾- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.lb. .35 - .55
scale, dms.....lb. .49 - .52
Oxalate, bbls.....lb. .23½- —
dms., kgs.....lb. .23½- .26½
Iron-soda oxalate, bbls., dms..lb. .23½- .26½
Isobornyl acetate, cns., works.lb. .80 - .95
Isobornyl thiocyanoacetate, dms., c.l., works..gal. 4.35 - —
l.c.l., works.....gal. 4.45 - 4.55
tanks, works.....gal. 4.25 - —
Isobutyl acetate, dms., works.lb. No prices
Propionate, dms., works.....lb. No prices
Isoeugenol, cns., works.....lb. 3.75 - 4.25
Isopentane, dms., works.....lb. .45 - .55
Isophorone, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .20 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., E. of Rockies, frt. alld..lb. .09½- —
l.c.l. Ey of Rockies, same basis..lb. .10 - —
tanks, E. of Rockies, same basis..lb. .08½- —
Isopropyl alcohol (see Alcohol, isopropyl).
Ether, dms., c.l., dlvd.....lb. .06 - —
l.c.l. .....lb. .06½- —
tanks, dlvd.....lb. .04½- —
Isopropylamine, dms., works..lb. .25 - —

J

Jaborandi leaves, bls.....lb. .30 - .31
Jalap root, NF, bls.....lb. .37 - .52
powd., bbls., bxs.....lb. .43 - .56
Resin, lump, cns.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs....lb. .30 - .50
Juniper tar, USP, dms.....lb. .70 - 1.00

K

Kamala, powd., cns.....lb. .46 - .48
Kaolin (see China clay).
Kava kava root, bls.....lb. .28 - .30
Kerosene, at refinery: Arx., 42-44 w.w., tanks..gal. .05 - —
Bayonne, 41-43 w.w., tanks.. gal. .061 - —
California, 40-43 w.w., tanks. gal. .07 - —
Gulf ports, 41-43 w.w., tanks. gal. .04½- .05
Okla-Tex., 41-43 w.w., tanks, gal. .04875- —
Penn., 45 w.w., tanks....gal. .0655- .0707
47 w.w., tanks.....gal. .0705- —
Kola nuts, bgs.....lb. .10 - .11
Kyanite, imp., low iron content, 10-mesh, whse..ton.85.00 -95.00
calcined, grain, 10-mesh, whse. ton.95.00 -105.00

L

Ladyslipper root, bls.....lb. 1.35 - 1.40
Lanolin (see Adeps lanae).
Lard,[1,7] pure, ref., tierces, c.l..lb. 15475- —
prime steam, tierces, c.l.....lb. .1473- —
Larkspur seed, bxs.....lb. .80 - .90
Laurel berries, bls.....lb. .25 - .26
Leaves, Cyprus, bls.....lb. .21 - .21½
Greek, bls.....lb. .19 - .20
Portuguese, futures, bls....lb. .13 - .13½
good, bls.....lb. .13½- .14
Turkish, bls.....lb. No stocks
Lavender flowers, medium, bls..lb. .60 - .65
ordinary, bls.....lb. .35 - .45
select, bls.....lb. .65 - .70
Lead, acetate,[1] white, broken, bbls..lb. .12½- —
cryst., bbls.....lb. .12½- —
gran., powd., bbls.....lb. .13½- —
Arsenate,[1,6] powder, 3-lb. bgs. or larger, c.l..lb. .13¾- —
l.c.l. .....lb. .14½- —
1-lb. ctns., c.l.....lb. .22¾- —
l.c.l. .....lb. .22¾- —
standard paste, cns., c.l...lb. .05¾- .06
l.c.l. .....lb. .06 - .06¼
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Lead, blue, basic sulphate, bbls., c.l., 20-ton lots, dlvd. E..lb. .10¼- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .10½- —
l.c.l., dlvd. E.....lb. .10½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .10¾- —
Carbonate (see Lead, white).
Chloride, fib. dms.....lb. .49 - —
Iodide, NF V. bots.....lb. 2.80 - —
jars.....lb. 2.99 - —
Linoleate, pale, precip., bbls.lb. .22½- —
Metal,[1,8] (see Protective Coatings Materials market).
Metallic paste, dms., works..lb. No stocks
Naphthenate, 24%-30%, Pb..lb. .14½- .17½
Nitrate, bbls.....lb. .12½- —
Oleate, bbls.....lb. .17½- —
Peroxide, powd., tech., bbls.lb. .32 - .33
Red, 95% Pb_3O_4, or less, bbls., c.l. (20 tons), dlvd. Ala., Ariz., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Tex., Utah, Wyo., and E. of Cascade Mts., in Ore. and Wash..lb. .12½- —
other points.....lb. .12 - —
l.c.l., 5 tons, dlvd. Ala., Cal., Fla., Ga., La., Miss., Tex., and W. of Cascade Mts. in Ore. and Wash..lb. .12¾- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .13¼- —
Colo., Mont., N. Mex., Wyo..lb. .13 - —
other points.....lb. .12½- —
smaller lots, Ala., etc.lb. .13¼- —
Ariz., etc.....lb. .13¾- —
Colo., etc.....lb. .13½- —
other points.....lb. .13 - —
in oil, kgs.....lb. .16¾- —
97% Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., Ariz., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Tex., Utah, Wyo. and E. of Cascade Mts. in Wash and Ore..lb. .12½- —
other points.....lb. .12¼- —
l.c.l., 5 tons, dlvd. Ala., etc. lb. .13 - —
Ariz., etc.....lb. .13½- —
Colo., etc.....lb. .13¼- —
other points.....lb. .12¾- —
smaller lots, divd. Ala. lb. .13½- —
Ariz., etc.....lb. .14 - —
Colo., etc.....lb. .13¾- —
other points.....lb. .13¼- —
98% Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc. lb. .12¾- —
other points.....lb. .12¼- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .13¼- —
Ariz., etc.....lb. .13¾- —
Colo., etc.....lb. .13½- —
other points.....lb. .13 - —
98% Pb_3O_4, bbls., l.c.l., smaller lots, dlvd. Ala., etc..lb. .13¾- —
Ariz., etc.....lb. .14¼- —
Colo., etc.....lb. .14 - —
other points.....lb. .13½- —
Resinate, precip., 23.8% Pb dms..lb. .17½- —
Silicate, bgs.....lb. .0780- .0780
Soyate, 20.15% Pb., dms.....lb. .22¼- —
Stearate, bblz. .....lb. .34½- .35½
Sulphate (see Lead, blue; Lead, white, basic sulphate).
Tallate, 10% Pb, dms.....lb. .08½- —
Titanate, bgs., bbls., c.l., l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼- —
Pac. Cst., ex whse..lb. .11½- —
smaller lots, E. frt. alld. lb. .11¼- —
Pac Cst., ex whse..lb. .11¾- —
White, basic carbonate, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo. lb. .11¼- —
dlvd. other points....lb. .11 - —
l.c.l., dlvd. Ariz., etc....lb. .11¼- —
other points.....lb. .11¾- —
basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .10¼- —
other points.....lb. .10½- —
l.c.l., dlvd. Ariz., etc. lb. .10¾- —
other points.....lb. .10½- —
in oil, consumers, kgs.....lb. .16¼- —
painters, kgs.....lb. .15¾- —
Lecithin, edible, dms., c.l.....lb. .28¼- —
l.c.l. .....lb. .30½- .65
in cocoa butter, dms., c.l...lb. .29½- —
l.c.l. .....lb. .40¾- .80
tech., dms., c.l.....lb. .25¼- —
l.c.l. .....lb. .30½- .65
vegetable, pure, bots, 100 lbs. lb. 2.75 - —
Lemon peel, bls.....lb. .35 - .40
Licorice extract, mass, cns....lb. .40 - .42
powd., bbls.....lb. .90 - .98
Root, Indian, bls.....lb. .13 - .14
powder, bbls.....lb. .18 - .20
Russian, bls.....lb. .13 - .18
Spanish, bls.....lb. .13 - .18
Turkish, bls.....lb. .13 - .18
Lignin extract, tanning grade, bgs., c.l., works..lb. .04 - —
Lime, chemical (quicklime), lump, pebble, Adams, Mass..ton. 8.00 - —
Annville, Pa.....ton. 7.50 - —
Bellefonte, Pa.....ton. 7.50 - —
Berkeley, W. Va....ton. 7.50 - —
Buffalo, N. Y.....ton. 9.35 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hallow, Pa....ton. 8.50 - —
Crab Orchard, Tenn.ton. 8.00 - —
Eagle Mountain, Va..ton. 7.65 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 7.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 8.00 - —
Knoxville, Tenn.....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 8.00 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va..ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 8.50 - —
Newala, Ala.....ton. 8.00 - —
Ripplemead, Va.....ton. 7.65 - —
Riverton, Va.....ton. 7.65 - —
Rockland, Maine....ton. 8.00 - —
Scioto, Ohio.....ton. 8.50 - —
Sherwood, Texas....ton. 8.00 - —
Sherwood, Wisc.....ton. 8.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.50 - —
York, Pa.....ton. 7.50 - —
Hydrated, Adams, Mass....ton. 9.00 - —
Annville, Pa.....ton. 9.00 - —
Bellefonte, Pa.....ton. 9.00 - —
Berkeley, W. Va.....ton. 8.00 - —
Buffalo, N. Y.....ton. 9.50 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton.10.00 - —
Lime, hydrated, Crab Orchard, Tenn..ton. 9.65 - —
Eagle Mountain, va...ton. 9.15 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton.10.65 - —
Knoxville, Tenn.....ton. 9.65 - —
LaRoy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Limedale, Ark.....ton. 9.65 - —
Longview, Ala.....ton. 9.65 - —
Manistique, Mich....ton. 8.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 9.00 - —
Menominee, Mich....ton. —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.65 - —
Peteskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. Dak...ton.12.00 - —
Ripplemead, Va.....ton. 9.15 - —
Rockland, Maine.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Tenn.....ton.10.65 - —
Sherwood, Wisc.....ton.10.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 9.00 - —
Spray, paper bgs., Adams, Mass..ton.10.00 - —
Annville, Pa.....ton.10.00 - —
Bellefonte, Pa.....ton.10.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton.10.50 - —
Gibsonburg, Ohio....ton.10.00 - —
Marblehead, Ohio....ton.10.00 - —
Rockland, Maine.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.10.00 - —
York, Pa.....ton.10.00 - —
Lime salts (see Calcium).
Lime-ammonia-nitrogen[9] 20.5% N. (see Ammonia nitrate-lime-stone).
Linalool, cns.....lb. 7.50 - 7.75
Linalyl acetate, ex bois de rose, bots..lb. 8.50 - —
ex lignaloe wood, bots.....lb. 7.75 - 8.40
ex petitgrain, bots.....lb. 3.90 - 4.10
Linden flowers with leaves, bls. lb. .60 - .65
Linseed meal,[7] 34%, bulk, c.l. ton.93.00 - —
Litharge, com'l, powd., bbls., c.l. dlvd. Ala., Ariz., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .11¼- —
other points.....lt. .11 - —
l.c.l., 5 tons, dlvd. Ala., Cal., Fla., Ga., La., Miss., Tex., and W. of Cascade Mts. in Ore. and Wash..lb. .11¾- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .12¼- —
Colo., Mont., N. Mex., Wyo..lb. .12 - —
other points.....lb. .11½- —
smaller lots, dlvd. Ala., etc..lb. .12¼- —
Ariz., etc.....lb. .12¾- —
Colo., etc.....lb. .12½- —
other points.....lb. .12 - —
Lithium bromide, bbls. 100-lb. lots, works, frt. equald.lb. 1.90 - —
smaller lots, works.....lb. 1.92 - 1.98
Carbonate, NF, bbls., kgs...lb. 1.25 - 1.30
Chloride, jars.....lb. 1.63 - 1.70
Citrate, bbls., dms., kgs....lb. 1.40 - 1.41
Fluoride, bbls.....lb. 2.45 - 2.60
Hydroxide, jars.....lb. 1.75 - 1.80
Iodide, bots.....lb. 5.30 - —
jars.....lb. 5.05 - —
Stearate, fib. dms., works....lb. .53½- —
Lithopone,[1] ordinary, bgs., c.l. (30 tons)..lb. .04¼- —
l.c.l. .....lb. .04½- —
bbls., c.l.....lb. .04¼- —
l.c.l. .....lb. .04¾- —
titanated (high-strength), bgs., c.l..lb. .0560- —
smaller lots.....lb. .0585- —
bbls., c.l.....lb. .0585- —
smaller lots.....lb. .0610- —
Lithopone, c.l., dlvd. Pac. Cst., ½c. higher; l.c.l., ex whse. Pac. Cst., ½c. higher.
Liverwort leaves, bls.....lb. .65 - .70
Lobelia herb, bls.....lb. 1.10 - 1.15
Lobeline sulphate, bots., wks..os.25.50 -35.00
Logwood extract, cryst., No. 1, bbls., l.c.l..lb. .24 - —
No. 2, bbls., l.c.l.....lb. .22 - —
liquid, No. 1, bbls., c.l....lb. .17 - —
No. 2, bbls., l.c.l.....lb. .16 - —
No. 3, bbls., l.c.l.....lb. .15½- —
No. 4, bbls., l.c.l.....lb. .15 - —
solid, No. 1, bgs., l.c.l.....lb. .23 - —
No. 2, bxs., l.c.l.....lb. .20 - —
bbls., c.l., Zone 1.....lb. .09½- —
No. 4, bxs., l.c.l.....lb. .23 - —
No. 3, bgs., l.c.l.....lb. .23¼- —
No. 5, bxs., l.c.l.....lb. .21½- —
No. 6, bxs., l.c.l.....lb. .20¼- .44¼
Lovage root, American (ligusticum actae folium), bls..lb. 1.30 - 1.50
Lupulin, NF, tin.....lb.12.75 -13.00
Lycopodium, USP, cs.....lb. 2.50 - 3.00

M

Mace,[7] Amboyna, cs.....lb. .80 Nom.
Banda, cs.....lb. 1.10 Nom.
West Indian, bgs.....lb. .90 Nom.
broken, bgs.....lb. .55 Nom.
Madder, Dutch, bbls.....lb. .24 - .30
Magnesia arsenate,[1] dms.....lb. .153 - .19
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., bgs., c.l., l.c.l., Zone 1..lb. .07¼- —
bbls., c.l., Zone 1.....lb. .07¼- —
l.c.l., Zone 1.....lb. .08½- —
kgs., c.l., Zone 1.....lb. .08¾- —
l.c.l., Zone 1.....lb. .09¾- —
USP, bgs., c.l., Zone 1.....lb. .08 - —
l.c.l., Zone 1.....lb. .09 - —
bbls., c.l., Zone 1.....lb. .08½- —
l.c.l., Zone 1.....lb. .09¼- —
kgs., c.l., Zone 1.....lb. .09¼- —
l.c.l., Zone 1.....lb. .10¾- —
Magnesia carbonate prices, basis Phillipsburg, N. J., and Plymouth Meeting, Valley Forge, Pa.; l.c.l. prices ½c. lower, Zone 2, store delivery; store door delivery, both zones, Zone 1 Conn., Del., D. C., Md., Mass., N. J., N. Y., Pa., and R. I.; Zone 2, remainder of U. S.
Chloride, anhyd., bbls., dlvd. lb. .12¾- —
flake, bbls., c.l., works...ton.32.00 - —
l.c.l., works.....ton.39.00 -42.00
Fluoride, bbls.....lb. .20 - .25
Hydroxide, medicinal, bbls., dms., kgs..lb. .20 - .30
Hypophosphite, cns.....lb. 1.45 - —
Laurate, bbls.....lb. .27 - .28
Oxide (see Magnesia, calcined).

Cortez and the meteors

WHEN Cortez conquered Mexico, the Aztecs told him that they obtained their iron from heaven.

Cortez, of course, was incredulous and assumed that the Aztecs extracted iron from the ore. He discovered later, however, that they were completely ignorant of any method of extraction.

Actually, the Aztecs had told the truth. Their iron was not of terrestrial origin—but was of meteoric origin!

Modern research has shown that almost the oniy occurrences of metallic iron are as minute specula disseminated through basaltic rocks. In combination, it occurs in most natural waters, in plants, and as a constituent of blood. The variation of physical properties which attends on heating iron led to the view that it exists in allotropic forms. This has been proved by X-ray analysis.

Since 1867, every iron compound bearing the Mallinckrodt trade mark has been manufactured in strict conformity with Mallinckrodt's tradition of fine chemicals. **For iron compounds of uniformity and dependability, specify Mallinckrodt Iron Chloride, Citrate, Iodide, Nitrate, Oxide, Pyrophosphate, Phosphate, Subsulfate, Sulfate, Iron & Ammonium Citrate (Brown & Green), etc.**

MALLINCKRODT FINE CHEMICALS Mallinckrodt SINCE 1867 **CHEMICAL WORKS**

79 Years of Service to Chemical Users

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CHICAGO • PHILADELPHIA • LOS ANGELES • MONTREAL

UNIFORM • DEPENDABLE • PURITY

Magnesia peroxide, 15%, dms., works..lb. 1.00 - 1.05
Phosphate, tribasic, USP, bbls. lb. .08 - —
Silicate (see Talc).
Silicofluoride, bbls.....lb. .08 - .09
Stearate, ctns., 2,000 lbs. to c.l. lb. .34½- —
less than ton.....lb. .35½- —
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. containers..lb. .07 - —
smaller lots.....lb. .08 - —
Magnesite, cal., powd., bgs., c.l., mines, Calif..ton.33.75- —
dead-burnt,[1] bulk, c.l., Chewelah, Wash..ton.22.00 -22.50
Maleic anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .30 - —
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. 1.50 - 1.60
Leaves, bls.....lb. .40 - .41
Manaca root, bls.....lb. .50 - .51
Mandrake root, bls.....lb. .33 - .34
Manganese acetate, dms.....lb. .22½- —
Arsenate,[2] bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .14 - .15
Carbonate, bbls.....lb. .19 - —
Chloride, anhyd., bbls., wks..lb. .14 - .16
Dioxide, African, battery, 84%-87%, bbls., 20-40 tons, works..ton.74.00 - —
smaller lots, works..ton.77.00 -82.00
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
smaller lots, works..ton.77.00 -82.00
burlap bgs., c.l., works, ton.71.75 - —
l.c.l., works.....ton.74.75 -79.75
paper bgs., c.l., works..ton.72.00 - —
l.c.l., works.....ton.75.00 - —
Manganese glycerophosphate, fib. dms., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
ems., 25 lbs.....lb. 3.27 - —
Hydrate, bbls., dlvd.....lb. .26 - —
Iodide, bots.....lb. 5.70 - —
jars .....lb. 5.55 - —
Linoleate, liquid, 6%, dms..lb. .20 - —
solid, precip., 8.2%, bbls..lb. .22 - —
Naphthenate, 6% Mn, dms..gal. .16 - —
Resinate, fused, 9½%, bbls..lb. .09 - .10½
precip., dms.....lb. .14½- .15½
Soyate, 8.2% Mn, dms.....lb. .23 - —
Sulphate, anhyd., dms., works, lb. No stocks
feed grade, 77-80%, bgs....lb. .04 - .05
fertilizer grade, 68%, bgs., c.l., dlvd. East..ton.32.00 - —
l.c.l., same basis, or Balto. or Cincinnati...ton.35.00 - —
industrial grade, 90%, bgs..lb. .06 - .06½
Tallate, 4% Mn, dms.....lb. .09 - —
Mangrove bark,[1,3] E. Africa, 35% tannin, c.l., ex dock, U. S. ports..ton.28.00 -30.00
Manna, flake, large, cs.....lb. No stocks
small, cs.....lb. No stocks
Mannitol,[4] com'l, bbls., works..lb. .35 - .40
reagent, cs. or multiples, works..lb. .55 - —
Marjoram, Argentine, bls.....lb. .14 Nom.
California, French type, new crop, bls., Pacific Coast..lb. .35 - .36
Chilean, bls. .....lb. .09 - .09½
Matico leaves, bls.....lb. .22 - .26
Menadione, USP, bots., works, gram. .10 - —
Menthol, natural, USP, cns...lb. 8.25 - 8.50
synthetic, tech, cns.....lb. No prices
USP, leavo, cns.....lb. No prices
racemic, cns.....lb. 4.10 - 4.20
Menthyl salicylate, tins.....lb. 2.09 - 2.10
Mercurial ointment, USP, mild, 10%, tube..lb. .70 - .75
30%, pails.....lb. 1.90 - —
50%, pails.....lb. 1.88 - 1.89
Mercury bichromate (see Corrosive sublimate).
Bisulphate, dms.....lb. 2.50 - 2.61
Chloride (see Calomel).
Cyanide, cryst., powd.....lb. 3.86 - —
Iodide, red, NF, dms., kgs..lb. 4.30 - —
yellow, fib. dms., kgs.....lb. 4.33 - —
Nitrate ointment (see Citrine ointment).
Oxide, red, NF (see Red precipitate).
yellow, USP, fib. dms.....lb. 2.94 - 2.96
tech. (see Yellow, mercury oxide).
Mercury and chalk, dms.....lb. 1.66 - 1.76
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Metal leaf, composition, 5½x5½ in...pkg. No stocks
Gold X+, deep, 98, 3⅜x3⅜ in., pkg. No stocks
Silver, 3⅜x3⅜ in.....pkg. No stocks
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[5] natural, all grades, dms., c.l., E. of Miss. R. gal. .62 - —
l.c.l., same basis.....gal. .73 - —
tanks, same basis.....gal. .60 - —
Inside prices on natural methanol W. of Miss. R., 3c. higher.
synth., dms., c.l., Zone 1, frt. alld..gal. .31 - —
2, frt. alld. or dlvd....gal. .34 - —
3, frt. alld.....gal. .36 - —
4, frt. alld.....gal. .38 - —
Methanol, synth., dms., l.c.l., Zone 1, frt. alld. or dlvd. gal. .36 - —
2, frt. alld.....gal. .43 - —
3, dlvd. S. F. and L. A. gal. .41 - —
4, frt. alld. or dlvd..gal. .51½- —
tanks, Zone 1, frt. alld..gal. .34 - —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —

Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah and Wash. Buyers in zone 4 have the option of buying at the delivered zone 4 price or at the zone 3 price, f.o.b. Los Angeles and San Francisco.

Methyl abietate, non-ret. dms., c.l., dlvd..lb. .09½- —
10 dms., dlvd.....lb. .10½- —
1-9 dms., dlvd.....lb. .11½- —
hydrogenated, non-ret. dms., c.l., dlvd..lb. .13½- .16½
10 dms. .....lb. .14½- .18
1-9 dms. .....lb. .15½- .19
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½- .12
W. of Miss.....lb. .11½- .12
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .18½
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10½- —
tech., dms., c.l., E. of Miss. lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .10½
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .30½- —
Acetone, natural, Group A, dms. incl. E. of Miss., frt. alld..gal. .60 - —
l.c.l., same basis.....gal. .70 - —
tanks, same basis.....gal. .60 - —

Natural methyl acetone prices W. of Miss. R., 5c. per gal. higher.

Group B, dms., c.l., Zone 1, frt. alld..gal. .62 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis. gal. .66 - —
Zone 2, same basis.gal. .68 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis. lb. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .84½- —

Natural methyl acetone zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis. Zone 3—Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 2—Los A., San Fran., Seattle, Wash.; Portland, Ore. Zone 4—Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

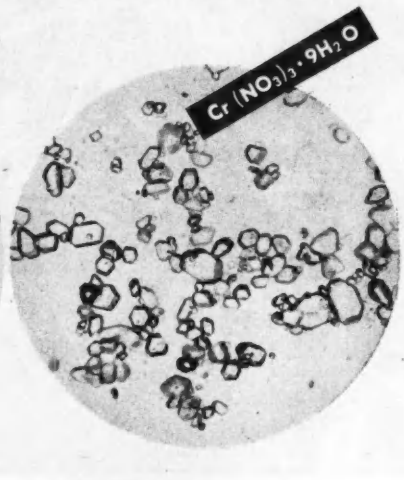
synthetic, dms., c.l., Zone 1. gal. .51 - —
Zone 2.....gal. .53 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45½- —

Synthetic methyl acetone zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla. Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex. Wyo. Zone 3—Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore. and Seattle, Wash. Zone 4—Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl alcohol (see Methanol).
Anthranilate, dms.....lb. 1.80 - 1.85
bots., cns.....lb. 2.20 - 2.35
Benzoate, cns. .....lb. .45 - .55
Bromide, cns. .....lb. .75 - .80
cyls. .....lb. .65 - .75
Chloride, refrigeration, cyls., 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., mach. mfrs. and jobbers..lb. .34 - —
service men and consumers, 500-lb. cyl..lb. .36 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .34 - .40
60-499 lb. cyl.....lb. .40 - —

Methyl chloride quotations are spot or contract, ship. point; prices above are in 60, 90 and 130-lb. cylinders; 20-lb. cylinders 10c. per pound higher.

Cinnamate, cns.....lb. 2.50 - 2.80
Formate, dms.....lb. .30 - —
Iodide, bots.....lb. 4.00 - 4.15
Lactate, dms., c.l., dlvd.....lb. No stocks
Oleate, dms., c.l.....lb. .25 - —
Salicylate,[1] dms., 500 lbs....lb. .25 - —
25-50 lbs.....lb. .27 - .28
Methylamyl ketone, cns., dms., works..lb. No stocks
Methylcellulose, special, vis. (4,000 cps.) fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
smaller lots, frt. alld....lb. .65 - .70
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
smaller lots, frt. alld....lb. .58 - .60
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms. works..lb. .22 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, USP, kgs., works. lb. 2.00 - 2.15
cns., works.....lb. 2.25 - —
Chloride, refrig., dms., wks..lb. .18 - .20
solvent, dms., works.....lb. .12 - .15
Methyleneanilin, lbs., ton lots, min. frt. alld.....lb. .36 - —
smaller lots, same basis....lb. .37 - —



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B & A Metallic Nitrates

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CUPRIC
LEAD
Ferric
Magnesium
Cdlcium
Zinc
and others

From Aluminum to Zinc—whenever your production program calls for one of the Metallic Nitrates, make the Baker & Adamson Division of General Chemical Company your source of supply.

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* Complete stocks carried here.

Methylethyl ketone, dms., dlvd. lb. .09 - —
l.c.l., dlvd. lb. .09½- —
tanks, dlvd. lb. .08 - —
Methylhexyl ketone, dms., tech., works. lb. .60 - —
Methylisobutyl carbinol (see Carbinol, methylisobutyl).
Methylisobutyl ketone, dms., c.l., dlvd. lb. .11½- —
l.c.l., dlvd. lb. .13 - —
tanks, dlvd. lb. .10½- —
Methylnaphthyl ketone, cns. lb. 3.75 - —
Methylpentanediol, dms., c.l., works. lb. .16 - —
l.c.l., works. lb. .16½- —
1 and 5-gal. cont., works. lb. .20½- .22½
tanks, works. lb. .15 - —
Mica, dry-grd., paint, plastic, 100 mesh, bgs., c.l., works. ton.47.50 - —
l.c.l., works. ton.51.00 - —
roofing, 20 mesh, bgs., c.l., works. ton.33.50 -35.00
l.c.l., works. ton.38.00 -40.00
80-81 mesh, bgs., c.l., works, ton.32.50 -35.00
l.c.l., works. ton.37.50 -40.00
40-45 mesh, bgs., c.l., works, ton.32.50 -35.00
l.c.l., works. ton.37.50 -40.00
80 mesh, bgs., c.l., works. ton.40.00 -42.50
l.c.l., works. ton.44.00 -45.50
graphitic, bulk, Pa., mines. ton.30.00 - —
wet-grd., biotite, bgs., c.l., works, frt. alld. E. lb. .04½- —
l.c.l., ex whse., or frt. alld. E. lb. .05 - —
extra fine, bgs., c.l., works, frt. alld. E. lb. .04¾- —
l.c.l., ex whse. or frt. alld. E. lb. .05½- —
paint or lacq., bgs., c.l., works, frt. alld. E. lb. .05½- —
l.c.l., ex whse. or frt. alld. E. lb. .06 - —
rubber, bgs., c.l., works, frt. alld. E. lb. .05½- —
l.c.l., ex whse. or frt. alld. E. lb. .06¾- —
wallpaper, bgs., c.l., works, frt. alld. E. lb. .05½- —
l.c.l., ex whse. or frt. alld. E. lb. .06 - —
white, extra fine, bgs., c.l., works, frt. alld. E. lb. .06½- —
l.c.l., ex whse. or frt. alld. E. lb. .07 - —
Mica, wet-grd., W. of Miss. R., ½c higher; W. of Rockies, ¾c. higher.
Milk powder,[1,7] skimmed, roller, bulk, c.l. lb. .15½- —
spray, bulk, c.l. lb. 15¾- —
whole, roller, bbls., c.l. lb. .31½- .32½
spray, bbls., c.l. lb. .32½- .34½
Milk sugar,[1] bbls., c.l., works. lb. .26 - —
l.c.l., works. lb. .26¾- .27½
Mineral spirits (see Petroleum, mineral spirits).
Molasses,[1,6] blackstrap, tanks, works, Area 1. gal. .18 - —
Area 2. gal. .18½- —
Area 3. ton.26.00 - —
Area 4. ton.29.00 - —
tanks, Area 5. ton.34.60 - —
Area 1, Fla., Ga., La., Tex.; Area 2, Mass., Md., N. J., N. Y.; Area 3, Calif.; Area 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.
Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,6] kgs., 99%, powd. lb. 2.60 - 3.00
Trioxide,[1,5] pure, kgs., works, basis Mo. content. lb. .95 - —
technical, kgs., works, basis Mo. content. lb. .80 - —
Monoamylamine, dms., c.l., works, basis 100%. lb. .61 - —
l.c.l., works, basis 100%. lb. .64 - —
Monochlorobenzene, dms., c.l., works. lb. .05¾- —
l.c.l., works. lb. .07 - .08
Monoethanolamine, dms., c.l., frt. l.c.l., same basis. lb. .25 - —
alld. E. lb. .24 - —
tanks, same basis. lb. .23 - —
Monoethylamine, dms., c.l., works, basis 100%. lb. .17 - —
l.c.l. works, basis 100%. lb. .18 - —
tanks, 100% basis, works. lb. .15 - —
Monomethylamine, dms. lb. .65 - —
Monomethylpara-aminophenol sulphate, dms. lb. 2.40 - 2.90
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs. oz.11.10 - —
cns., 25 ozs. oz.10.90 - —
Acetate, bots., 5 ozs. oz. 9.00 - —
cns., 25 ozs. oz. 8.80 - —
Hydrobromine, 5 ozs. oz. 8.95 - —
cns., 25 ozs. oz. 8.75 - —
Hydrochloride, bots., 5 ozs. oz. 9.00 - —
cns., 25 ozs. oz. 8.80 - —
Sulphate, bots., 5 ozs. oz. 9.00 - —
cns., 25 ozs. oz. 8.80 - —
Morpholine, dms., l.c.l., works, lb. .07 - —
Mullein leaves, cns. lb. .12 - .12
smaller containers, works. lb. .75 - —
Musk, nat., Tonquin, grains, bots., oz.55.00 -60.00
synthetic, ambrette, cns., 100 lbs., or more. lb. 4.00 - 9.10
25 lbs. lb. 4.10 - 9.20
5 lbs. lb. 4.25 - 9.45
ketone, cns., 100 lbs. or more. lb. 4.15 - 9.25
25 lbs. lb. 4.25 - 9.35
5 lbs. lb. 4.40 - 9.70
xylol, dms. lb. 1.40 - 2.00
25 lbs. lb. 1.50 - 2.60
5 lbs. lb. 1.65 - 2.90
Muskroot, bls. lb. 2.25 - 2.50
Mustard seed, Calif., Brown, bgs. lb. .16½- .17
yellow, bgs. lb. .21 Nom.
Danish, yellow, bgs. lb. .26 Nom.
Montana, brown, bgs. lb. No stocks
oriental, bgs. lb. .14 - .14½
yellow, bgs. lb. .27 - .28
Swedish, bgs., futures. lb. .38 - .38½
Washington, yellow, bgs. lb. .29 Nom.
Myrobalans,[1] whole J1, U. S. ports, ex dock. ton.54.00 -55.00
J2, same basis. ton.49.00 -50.00

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74°, bgs., c.l., frt. equald. lb. .03 - .03½
bbls., c.l., same basis. lb. .031 - .036
tanks, same basis. lb. .0275- .0325
78°, bgs., c.l., same basis. lb. .0325- .0375
bbls., c.l., same basis. lb. .0325- .0375
tanks, same basis. lb. .03 - .0350
refined, balls, flakes, bbls., wholesalers and jobbers, works. lb. .09½- —
50-lb. cs., same basis. lb. .09¾- —
1-lb. pkgs., same basis. lb. .11 - —

Neocinchophen, USP, dms., works. lb. 7.00 - 7.10
Nepheline syenite,[1] glass grade, 24 mesh, bulk, Rochester, N. Y. ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N. Y. ton.15.50 - —
Nephelinesyenite in bgs. is $2 per ton higher than bulk.
Nerolin, crys., cns. lb. 1.70 - 1.80
Niacin (see Acid, nicotinic).
Nickel, carbonate, bbls. lb. .36 - .36¼
Chloride, bbls. lb. .18 - .20
Cyanide, bots., dms. lb. No stocks
Oxide, black, bbls. lb. .35 - .39
Salt, bbls. lb. .13 - .13¼
Nicotine sulphate, 40%, dms., 50 lbs. to dealers, frt. allowed over 96 lbs. lb. .8660- —
tins, 10 lbs. lb. 1.015 - —
Nicotinamide, USP, dms., works. tlo.11.00 -11.30
Nikethamide, bots., cbys. lb. 7.00 - 8.00
Nitercake, bulk, works. ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. lb. .09 - —
tanks lb. .07 - —
Nitrocellulose, alcohol-soluble, ⅛ sec., 30-35 cps., bbls., works, dry weight. lb. .28 - —
5-6, 40-60 cps., same basis, lb. .27 - —
ester-soluble, ¼, ½ sec. 30-35 cps., bbls., works, dry weight. lb. .26 - —
5-6, 15-20 cps. and higher, bbls., works, dry weight, lb. .25 - —
Nitrocellulose:—Denatured alcohol used in manufacture is charged extra. Barrels extra, but returnable.
Nitroethane, dms., works. lb. .25 - —
Nitrogen solut., tanks. ton.108.21 - —
Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis, Hopewell, Va., bulk, works.
Nitrogenous process tankage,[1,7] bulk, works. unit-ton. 3.15 - 3.50
Sewage sludge,[1] bulk, works, unit-ton, 2.60 + .40 - 3.00 + .40
Nitromethane, dms., c.l., works, lb. .25 - —
Nitronaphthalene, bots. lb. .24 - .25
Nitropropane 1, dms., works. lb. .25 - —
II, dms., works. lb. .25 - —
Nutgalls,[5] bgs. lb. .50 - .53
Nutmegs,[7] West Indian, bgs., July-Sept. lb. .70 - .71
Nux vomica, bls. lb. .09½- .10
powder, bbls., bxs. lb. .13 - .14

O

Oakbark extract,[1,6] 25% tannin, bbls., c.l., works. lb. No stocks
Octane,[1] 100° C-140° C, industrial grade, dms., c.l., G.3. gal. .15½- —
l.c.l., G. 3. gal. .29 - —
10 gals., G. 3. gal. .55 - —
tanks, G. 3. gal. .13 - —
Octanol, normal, tech., 360-lb. dms., dlvd. lb. .35 - —
Oil, almond, artificial (see Benzaldehyde).
Bitter, F.P.A., bots. lb. 4.75 - 5.00
USP, bots. lb. No prices
sweet, exp., dms., cns. lb. 1.15 - 1.45
Angelica root, bots. lb.40.00 -140.00
Seed, bots. lb. No stocks
Anilin (see A)
Anise, USP, Chinese, dms. lb. 1.70 - 2.75
Russian, cns. lb. 4.00 - —
Apricot kernel, cns. lb. .55 - .65
Avocado, cns., dms. lb. 1.00 - 1.10
Babassu,[1,7] tanks. lb. .12 - —
Oil, bay, W. I., 50-55%, cns. lb. 1.30 - 1.65
Puerto Rican, 50-55%, cns. lb. 1.58 - 1.75
Bergamot, artif., cns. lb. 2.25 - 5.50
natural, Italian, cns. lb. 4.85 - 6.50
Birch (see Oil, sweet birch).
Birchtar, crude, cns. lb. 5.00 - 6.00
rectified, cns. lb. No stocks
Bois de rose, Brazil, cns. lb. 5.00 - 5.60
Mexican (see Oil, linaloe wood).
Bone, dms., works. gal. .65 - .70
Cade, USP IX (see Juniper tar).
Cajeput, tech., dms. lb. 2.25 Nom.
redistilled, USP IX, cns. lb. 2.40 - 2.75
Calamus, cns. lb.20.00 -30.00
Camphor, white, nat., cns. lb. 1.25 - —
synthetic, cns. lb. .15 - .23
Cananga, native, cns. lb. 3.00 -14.00
rectified, cns. lb.12.50 -17.00
Capsicum (see Capsicum, oleoresin).
Caraway, NF, cns. lb. 6.35 - 8.75
Cardamom, bots. lb.17.00 -22.50
Cassia, USP, cns. lb. 4.85 - 6.50
Castor,[1] blown, rct. dms., c.l. lb. .16½- —
l.c.l. lb. .17½- —
cold pressed, USP, cns. lb. .17 - .19
dms., c.l. lb. .16 - —
l.c.l. lb. .15¾- —
tanks lb. .1480- —
dehydrated, bodied, dms., c.l. lb. .1975- —
l.c.l. lb. .2015- —
tanks lb. .1935- —
unbodied, dms., c.l. lb. .1875- —
l.c.l. lb. .1915- —
tanks lb. .1835- —
No. 3, tech., dms., c.l. lb. .14¾- —
l.c.l. lb. .15½- —
tanks lb. .14 - —
sulphonated, 50% (45% fat), dms., c.l. lb. .10 - .10¼
l.c.l. lb. .10½- .11
75% (65% fat), dms., c.l. lb. .12½- .12¾
l.c.l. lb. .13 - .13¼
80% (65% fat), dms., c.l. lb. .12¾- .13
l.c.l. lb. .13¼- .13¼

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Producing Plant:
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Oil, cedarleaf,[1] USP, cns., dms., lb. 2.55 - 2.70
Cedarwood, USP, cns. lb. .80 - 1.25
dms. lb. .86 - 1.15
Celery, bots. lb. 16.50 -20.00
Chaulmoogra, USP, cns. lb. .60 - .85
Chinawood (see Oil, tung).
Cinnamon bark oil, bots. lb. 32.00 -41.00
leaf, dms. lb. 1.40 - 1.85
Citronella, Ceylon, cns. lb. 1.85 - 2.25
Clove, USP, cns. lb. 1.50 - 1.85
Coconut,[1,7] crude, Ceylon, bulk, c.i.f. N. Y. lb. .0685 -
Cochin type, bulk, c.i.f. N. Y. lb .0685- -
Manila, bulk, c.i.f. N. Y. lb. .0685- .0685
ref. dms. lb. .0685 .0685
edible, ex tax, bulk lb. .0685- -
Cod, Newfoundland, dms. gal. .89 - .90
tanks gal. .86 - -
Codliver, USP, bbls., dms. gal. 2.15 - 2.20
Coriander, bots. lb. 18.50 -23.50
Corn,[1,7] crude, tanks, works. lb. .12¾- -
edible, dms., l.c.l. lb. .16¼- 16¾
tanks lb. .1502- -
foots, acid, 95%, tanks, divd. E. lb. .07¼- -
raw, 50%, tanks, divd. E. lb. .08¼- -
Cottonseed,[2,7] crude, tanks, works lb. .12¼- 13¼
foots, acid 95%, tanks, divd. E. lb. .07¾- -
raw, 50%, tanks, divd. E. lb. .08¾- -
salad, l.c.l., dms. lb. .16¾- .17
Creosote (see C).
Croton, NF, cns. lb. 4.25 - 4.75
Cubeb, cns. lb. No prices
Crude (see Petroleum, crude).
Cumin, bots. lb. 22.00 - —
Cypress, bots. lb. 12.00 -16.00
Degras (see D).
Dillseed, bots. lb. 6.00 - 7.00
Dillweed, bots. lb. 4.25 - 5.00
Dip (see D).

Oil, erigeron, cns. lb. 2.25 - 2.40
Eucalyptus, USP, rect., 80-90%, cns. lb. 1.18 - 1.40
70-80%, cns. lb. 1.05 - 1.09
Fennel, sweet, cns. lb. 3.75 - 4.00
Fir, Canada, cns. lb. 2.50 - 2.60
Fishliver,[1] dms., less than 40,000 A units per gram. per million units. .14 - -
for each 1,000 additional A units up to 200,000 per gram..per million units. .001 - -
200,000 or more A units.... per million units. .30 - -
Fuel (see Petroleum, fuel oil).
Garlic, pure, bots. oz. 15.00 - -
Gaultheria (see Oil, wintergreen).
Geranium, Algerian, cns. lb. 18.00 -28.00
Bourbon, cns. lb. 16.25 -22.00
Russian, cns. lb. No stocks
Turkish (see Oil, palmarosa).
Ginger, dist., bots. lb. 12.00 -14.00
Grapefruit, Florida, cns. lb. 2.20 - 2.25
California, bots., cns. lb. 2.05 - 2.15
Grease, common, No. 1, bbls., c.l. lb. .17¾- -
extra, No. 1, bbls., c.l. lb. .18 - -
Winter strained, bbls., c.l. lb. .18½- -
prime, burning, bbls., c.l. lb. .19 - -
inedible, bbls., c.l. lb. .18¾- -
Guaiacwood, cns. lb. 2.90 - 4.00
Hemlock, cns. lb. 2.60 - 2.75
Herring,[1] cruce, tanks, Pac. coast. lb. .089 - -
Juniper, berry, dom., bots. lb. 6.50 - 8.50
Juniper tar, USP (see Juniper Tar).
Juniper wood, tech., cns. lb. .85 - 1.00
Lard oil (see Oil, grease).
Laurel, bots. lb. No prices
Lavandin, cns. lb. 4.50 - 5.50

Oil, lavender flower, French, 38%-42% ester, cns. lb. 11.00 -17.00
30-32% ester lb. 8.00 -10.00
Russian, cns. lb. 13.75 - —
spike, Spanish, pure, cns. lb. 2.60 - 3.10
tech., cns. lb. 2.25 - 2.50
Lemon, USP, Calif., cns. lb. 3.25 - —
Messina,[1] cns. lb. 3.25 - 3.65
Terpeneless, bots. lb. 40.00 -50.00
Lemongrass, cns., dms. lb. 4.00 - 4.30
Lignaloe seed, Mexican, cns., lb. No stocks
wood, Mexican, cns. lb. 4.75 - 5.25
Brazilian (see Bois de Rose).
Lime, distilled, Mexican, cns. lb. 5.50 - 7.25
West Indian, cns. lb. 6.10 - 7.60
expressed, West Indian, cns. lb. 13.50 -15.00
Linseed,[1,7] raw, dms., c.l. lb. .1680- —
l.c.l. lb. .1730- .1790
tanks lb. .1600- —
tankwagon lb. .1600- —
Boiled linseed oil, .004 higher than raw.
Linseed, replacement, dms., c.l. lb. .1680- —
tanks lb. .1790- —
Lubricating,[1] at refinery, ex tax, California, neutral, pale, 200-800 vis., 2½ ¢ pour, tanks. gal. .07¼- .11
red, 200-800 vis. 4-6½ pour, plus tanks. gal. 07¼- .11¼
Group 3, bright stock, 150-160 vis., 0.25 pour, tanks, gal. .22 - —
neutral, 300 vis., No. 3, col., 0-10 pour, tanks. gal. .16 - —
200-800 vis., No. 3, col., 15-25 pour, tanks, gal. .15 - .16
145-155 vis., No. 3 color, 10-25 pour, tanks. gal. .25 - .30½

Oil, lubricating, at refinery, ex tax, Group 3, cylinder oils, 600-650 flash, tanks. gal. .16 - .17
600-650 steam, retd., tanks. gal. .15 - .15½
neutral, 70° F., No 3 color, 150 vis., 25 pour, tanks. gal. .26 - .31
200 vis., 25 pour, tanks, gal .28 - .33
Mace, dist., cns., dms. lb. 6.50 - —
Mineral, white (see Oil, white)
Mandarin, Brazilian, cns. lb. 6.60 -10.00
Menhaden,[1,7] crude, tanks, Balto. lb. .089 Nom.
refined, alkali, dms., c.l. lb. .1400- —
kettle-bodied, dms., l.c.l. lb. .1500- —
light-pressed, dms., l.c.l. lb. .1300- —
tanks lb. .1220- —
Mustard, artif., USP, cns. lb. 1.45 - 1.65
Seed, exp., dms., extra lb. .14¾- —
Neatsfoot,[1] 15°, bbls. gal. 1.80 Nom.
20°, bbls. gal. 1.75 Nom.
30°, bbls. gal. 1.55 Nom.
pure, bbls. .22 - —
Neroli, French, bots. lb. 195.00 -200.00
Haitian, bots. lb. 195.00 -200.00
Nutmeg, cns. lb. 6.50 - —
Olibanum,[1] liquid, dms., c.l. lb. .25½- —
l.c.l. lb. .26 - .27
Oleo,[1] extra, tcs., Chicago lb. .21¼- .23¼
Olibanum, bots. lb. 5.00 - 5.20
Olive, denat., dms. gal. No stocks
edible,[1] Calif., 38%-½% f.f.a., dms., extra, works. gal. 4.30 - 4.50
imported, dms. gal. 9.00 Nom.
foots,[1] dom., dms., c.l. lb. .18 - —
tankcars, works lb. .17 - —
imp.,[1] dms., c.l., ex dock. lb. .18 - —
tankcars, ex dock lb. .17 - —
sulphonated, 50% (40% fat), dms., c.l. lb. No stocks
l.c.l. lb. No stocks
80% (68% fat), dms., c.l. lb. No stocks
l.c.l. lb. No stocks
85% (68% fat), dms., c.l. lb. No stocks
l.c.l. lb. No stocks
Orange, sweet, dist., cs. lb. 1.25 - 1.75
expressed, USP, Brazilian, cns. lb. 1.45 - 1.70
Calif., cns. lb. 1.75 - 2.00
Florida, cns., dms. lb. 1.60 - 1.90
Messina, coppers lb. No stocks
West Indian, cns. lb. 2.25 - 2.75
sesquiterpeneless, bots. lb. 100.00 -112.00
Origanum, Spanish, cs. lb. 2.85 - 3.10
Palm,[1,7] Niger, dms. lb. .0685- -
Palmarosa, cns. lb. 3.50 - —
Palmkernel,[1,7] crude, bulk, c.i.f. N.Y. lb. .0685 Nom.
Paraffin,[1] 300° flash, 100-110 vis., tanks, G.S. gal. .05¾- —
320° flash, 60-70 vis., tanks, G.S. gal. .05¼- —
350° flash, 70-80 @ 100 vis., 0/10 pour, G.S. gal. .08 - —
80-85 vis., 0/10 pour, bbls., extra, ind. ref'y. gal. .12 - —
100-110 vis., 0/10 pour, same basis. gal. .08½- —
10/25 pour, same basis. gal. .08¼- —
Patchouli, imported, cns. lb. 103.00 -114.00
Peanut,[4,7] bleached, deod., tanks, divd. E. lb. .1501- —
crude, tanks, works lb. .12¾- .13¾
foots, acid, 95%, tanks, divd. E. lb. .08 - —
raw, 50%, tanks, divd. E. lb. .04 - —
hydrogenated, tanks, divd. E., lb. .1873- .1875
Pennyroyal, dom., dms., cns. lb. 3.25 - 3.60
import, cns. lb. 3.85 - 4.10
Peppermint,[1] natural, dms. lb. 6.80 - 7.50
redist., USP, dms. lb. 7.20 - 7.85
Perilla, crude, dms. lb. No stocks
Petitgrain, Paraguay, cns., dms. lb. 4.00 - 4.35
Pimento, berry, dms. lb. 6.85 - 8.00
leaf, cns. lb. 3.25 - 3.65
Pine, ret. dms., c.l., divd. E. gal. .75 - .78½
l.c.l., divd. E. gal. .80 - .90
tanks, works gal. .65 - —
Pineneedle, cns. lb. 3.35 - 3.65
Putty, bbls., E. Segundo, Richmond, Cal. gal. .22½- —
contracts gal. 19¼- —
dms., c.l., Whiting, Ind. gal. *.24 - —
Boston, Providence gal. .25 - —
l.c.l., same basis gal. .27 - —
tanks, same basis gal. .18 - —
Martinez, Cal. gal. .28 - —

* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1] bulk lb. .18 - -
Red,[1] ret. bbls., c.l., dms., divd. E. of Rockies. lb. .13¼- —
W. of Rockies. lb. .14¼- —
Texas and Okla. lb. .13¾- —
tanks, divd. E. of Rockies. lb. .12½- —
W. of Rockies. lb. .13½- —
Texas and Okla. lb. .13 - —
double dist., ret. dms., c.l., divd. E. of Rockies. lb. .15¾- —
W. of Rockies. lb. .16¾- —
Texas and Okla. lb. .16¾- —
special, non-ret. dms., bbls., c.l., divd. E. of Rockies. lb. .16¾- —
W. of Rockies. lb. .17¾- —
Texas and Okla. lb. .17½- —
Rose, natural, coppers oz. 31.25 -40.00
Rosemary, Spanish, tech., cns., dms. lb. 1.20 - 1.50
USP, cns, dms. lb. 1.50 - 1.75
Rosin, 1st rectified, dms. gal. .66 - —
2nd rectified, dms. gal. .69 - —
3rd rectified, dms. gal. .72 - —
Rue, bots. lb. 4.75 - 5.25
Sage, Dalmatian, cns. lb. 6.25 - —
Spanish, cns. lb. 2.50 - 3.50
Sandalwood, NF, Mysore, cns., case lots. lb. 11.15 -11.25
Sardine, crude,[1,7] tanks, Pac. coast. lb. .089 - —
refined, alkali, dms., l.c.l. lb. .1400- —
kettle-bodied, dms., l.c.l. lb. .1500- —
light-pressed, dms., l.c.l. lb. .1300- —
tanks lb. .1220- —
Sassafras, natural, cns., dms. lb. 2.00 - 2.30
artificial, dms. lb. .80 - .90
Savin, cns. lb. No stocks
Savory, cns. lb. 3.00 - —
Seal,[1] No. 1, tanks, U.S. ports lb. .089 - —
Sesame,[1,7] tanks lb. .1480- -
Shingle stain, bbls., c.l., works. gal. .2185- —
l.c.l., works gal. .23 - .24
tanks, works gal. .15 - .16
Snakeroot, Canada, cns. lb. No stocks
Soybean,[1,7] clarified, dms. lb. .1280 - .1325
tanks lb. .1250- —
crude, tanks, Decatur lb. .1175- —
deod., Winter, tanks lb. .1398- —
ref. dms. lb. .1500- .1540
foots, acid, 95%, tanks, divd. E. lb. .07¼- —
raw, 50%, tanks, divd. E. lb. .06¼- —
refd., varnish, dms. lb. .1395- .1400
tanks lb. .1340- .1347

QUALITY + AROMATICS

The new odor successes in the perfume and cosmetic field will be based upon these:

CUIRUSAL
Powerful aldehyde useful in floral and many fancy bouquets. Russian Leather.

ALDEHYDE FK
Basic for Lilacs to create richer, stronger Lilac Odor. Add up to 10% Aldehyde FK.

RESEDALIA
A chemical surprisingly true to the odor of Reseda Mignonette.

TUBEROL
Basic for Tuberose odors and perfumes for creams, lotions, etc.

VIOLETTONE
A Ketone basis with Patchouly note for Violet Odors.

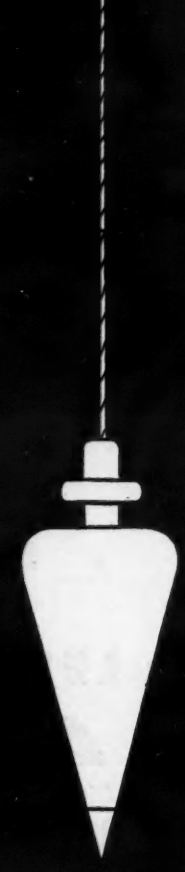
JASMINOL
Similar in odor to Alpha Amyl Cinnamic Aldehyde but softer and finer. Stable in soaps and creams. Basis for Jasmin Odors.

ETHYLENE GLYCOL ACETAL OF PHENYL ACET ALDEHYDE
Softener and homogenizer for all types of Floral Odors.

These are a few of our recently developed products.

WRITE FOR COMPLETE LIST.

Cyclamal An aldehyde replacing Hydroxy Citronellal. Five times stronger. Economical to use.



Aromatics Division
GENERAL DRUG COMPANY
125 Barclay St., New York 7, N. Y.
9 S. CLINTON STREET, CHICAGO 6 1019 ELLIOTT STREET, W. WINDSOR, ONT.

ESTABLISHED 1910 GD AROMATICS DIVISION

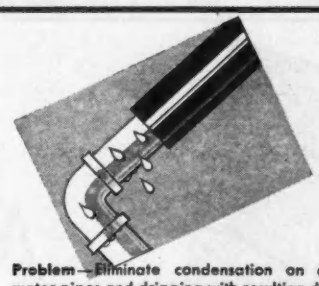
Oil, spearmint, dms.	lb.	5.50 -	—
Sperm, bleached, 38°, dms.	lb.	.1445-	—
natural, 45°, dms.	lb.	.1310-	.1311
Spruce,[1] cns., dms.	lb.	2.60 -	2.75
Sunflower, imported, refined, tanks.	lb.	.1428-	—
semi-refined, tanks.	lb.	.1430-	—
Sweet birch, North, cns.	lb.	5.00 -	7.25
South, cns.	lb.	2.50 -	3.25
Tall,[1] crude, dms., c.l., works.	ton.	53.65	-55.00
l.c.l., works	ton.	55.65	-62.65
tanks, works	ton.	40.00	-45.00
refined, dms., c.l., works.	lb.	.05 -	.05¼
l.c.l., works	lb.	.05½-	—
tanks, works	lb.	.04½-	—
Tallow, acidless, bbls., Chicago.	lb.	.16¾-	—
tanks, Chicago	lb.	.16¼-	—
Tansy, cns.	lb.	No stocks	
Tar,[1] pine, crude, dms., c.l., dlvd. E. cities.	gal.	.32¾-	—
l.c.l., works	gal.	.29¾-	—
tanks, dlvd. E. cities	gal.	.27 -	—
rectified, USP, bbls.	gal.	.60¾-	—
Tar acid (see T).			
Thyme, NF, red, cns.	lb.	2.00 -	2.65
white, cns.	lb.	2.85 -	3.75
Tung,[1] dms., c.l.	lb.	.39 -	.39½
l.c.l.	lb.	.40 -	.41
tanks	lb.	.38½-	—
Turkey red (see Oil, castor, sulphonated).			
Turpentine, rectified, USP, cns., dms.	lb.	.25 -	.29
Vetiver, Bourbon, cns.	lb.	37.50	-42.50
Whale,[1] ref., natural, dms.	lb.	No stocks	
Winter bleached, dms.	lb.	No stocks	
Wheat germ, dms.	gal.	10.00	-13.50
White mineral, tech., 50-65 vis., dms., incl., c.l.	gal.	.37 -	—
l.c.l.	gal.	.40 -	.44
66-75 vis., dms., dms. incl., c.l.	gal.	.38 -	—
l.c.l.	gal.	.41 -	.45
USP, 80/90 vis., dms., dms. incl., c.l.	gal.	.40 -	—
l.c.l.	gal.	.43 -	.41
125/135 vis., dms., dm. incl., c.l.	gal.	.49 -	—
l.c.l.	gal.	.52 -	.56
145/155 vis., dms., dms. incl., c.l.	gal.	.51 -	—
l.c.l.	gal.	.54 -	.58
175/185 vis., dms., dms. incl., c.l.	gal.	.52 -	—
l.c.l.	gal.	.55 -	.59
200/210 vis., dms., dms. incl., c.l.	gal.	.56 -	—
l.c.l.	gal.	.59 -	.63
335/345 vis., dms., dms. incl., c.l.	gal.	.64 -	—
l.c.l.	gal.	.67 -	.71
55, 70 and 80 vis., non-ret. dms., San Francisco.	gal.	.42 -	—
smaller lots, same basis.	gal.	.44 -	.47
100 vis., non-ret. dms., 65 dms., San Francisco.	gal.	.51½-	—
100 vis., non-ret. dms., San Francisco, smaller lots, same basis.	gal.	.53½-	.56½
145 vis., non-ret. dms., 65 dms., San Francisco.	gal.	.59 -	—
smaller lots, same basis	gal.	.61 -	.64
180 vis., non-ret. dms., 65 dms., San Francisco.	gal.	.63½-	—
smaller lots, same basis	gal.	.64½-	.67½
340 vis., non-ret. dms., 65 dms., San Francisco.	gal.	.74 -	—
smaller lots, same basis	gal.	.76 -	.79
Wintergreen, natural, North, cns.	lb.	5.50	-12.00
South, cns.	lb.	3.65 -	4.25
synthetic (see Methyl salicylate).			
Wood (see Oil, tung).			
Wormseed, cns.	lb.	5.00 -	5.10
Wormwood, cns.	lb.	4.85	-10.00
Ylang-ylang, Bourbon, extra, bots.	lb.	19.00	-24.00
first, bots.	lb.	14.50	-17.50
second, bots.	lb.	11.00	-14.00
third, bots.	lb.	6.00	- 9.00
Oleostearin,[7] loose, Chicago	lb.	.10¾-	—
Olivine, aggregate, c.l., mines.	ton.	7.00 -	9.50
crushed, 8 mesh, bulk, c.l., works.	ton.	8.00 -	—
paper bgs., c.l., works.	ton.	9.50 -	—
lumps, paper bgs., c.l., works.	ton.	7.00 -	—
spalls, paper bgs., c.l., works.	ton.	5.00 -	—
Opium gum, USP, cns., 50-lb. lots.	lb.	13.00 -	—
25-lb. lots	lb.	13.25 -	—
smaller lots	lb.	13.50	-13.65
Prices on powd. and gran. USP opium are $1.50 per pound higher			
Orange, cadmium, selenide, bbls., 100-lb. lots, works.	lb.	1.50 -	—
Chrome, CP, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts.	lb.	.17½-	—
Chrome orange prices are ½c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport); 1¼c., Miss., N. C., S. C., Tenn., Dallas, Tex., 1¾c.; Ft. Worth, Tex., 1½c.; El Paso, Tex., 2c.; Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.			
Dinitroaniline, toner[3]	lb.	1.05 -	—
Molybdate,[3] bbls.	lb.	.42 -	—
Orthonitroaniline toner,[3] bbls., kgs., works.	lb.	.80 -	1.05
Persian,[3] bbls.	lb.	.30 -	.45
Orange mineral, American, bbls., 5 tons, dlvd. Ala., Cal., Fla., Ga., La., Miss., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.15¼-	—
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.15¾-	—
Mont., Wyo., Colo., N. Mex.	lb.	.15½-	—
other points	lb.	.15 -	—
smaller lots, Ala., etc.	lb.	.15¾-	—
Ariz., etc.	lb.	.16¼-	—
Colo., Mont., N. M., Wyo.	lb.	.16 -	—
other points	lb.	.15½-	—
Orange flowers, cs.	lb.	.46 -	.49
Orange peel, Haitian, bls.	lb.	.13¼-	.13¾
sweet, bls.	lb.	.13½-	.14
Oregano, Mexican, curly leaf, bgs.	lb.	.10 -	.10½
flat leaf, bgs.	lb.	.09¾-	.10½
Orris root, Florentine, bls.	lb.	.43 -	.44
Verona, bls.	lb.	No stocks	
Portuguese, bls.	lb.	.45 -	.47
Orthoamylphenol, dms., works.	lb.	.25 -	—
Orthoanisidin, bbls.	lb.	.70 -	—
Orthochloraniline, dms.	lb.	.60 -	—
Orthochlorophenol, dms.	lb.	.25 -	.27
Orthocresol,[5] 30.4° C., min., M.P., dms., c.l., works.	lb.	.17½-	.18
l.c.l., works	lb.	.18 -	.18½
29° C. min., M.P., dms., c.l., works.	lb.	.16½-	.17
l.c.l., works	lb.	.17 -	.17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies.	lb.	.07 -	—
l.c.l., same basis	lb.	.08 -	—
tanks, same basis	lb.	.06½-	—
Orthodichlorobenzene prices W. of Rockies 1c. per lb. higher.			
Orthonitroaniline, dms.	lb.	.42 -	.55
Orthonitrobiphenyl, tech., grade A., dms., c.l., works.	lb.	.10 -	—
l.c.l., works	lb.	.11 -	—
grade B, dms., c.l., works.	lb.	.06 -	—
l.c.l., works	lb.	.07 -	—
Orthonitrochlorobenzene, dms.	lb.	.15 -	.18
Orthonitroparachlorophenol, cns.	lb.	.75 -	—
Orthonitrotoluene, dms.	lb.	.09 -	—
Orthophenetidin, dms.	lb.	.82 -	—
Orthotoluidin, dms.	lb.	.19 -	—
Osage orange crystals, bbls.	lb.	.29 -	—
extract, No. 1, bbls.	lb.	.14 -	—
Ouabaine, USP, bots.	gram.	3.00	- 4.00
Oxyquinolin sulphate, cns., 100 lbs., works.	lb.	3.50 -	—
small lots, works.	lb.	3.75 -	4.15

P

Papain, powd., cs.	lb.	5.25 -	5.50
Papaverine, natural or synthetic, hydrochloride, NF, cns., 100-oz. lots.	oz.	7.00 -	—
smaller lots	oz.	7.05 -	7.35
Sulphate cns.	oz.	7.10 -	7.35
Paprika,[1] Calif., sweet Caliente, ground, bgs.	lb.	.40 -	.41
Chilean, bgs.	lb.	.37½-	.38
Portuguese, bgs.	lb.	.38 -	.41
Spanish, bgs.	lb.	.43 -	.44
Para-anisidin, dms., works.	lb.	.75 -	—
Parachlorophenol, dms., c.l., works.	lb.	.24 -	—
l.c.l., same basis	lb.	.25 -	.27
Paracresol, bbls., works.	lb.	.41 -	—
Paracymene, dms., c.l., works.	lb.	.1595-	—
l.c.l., same basis	lb.	.1645-	—
tanks, same basis	lb.	.1545-	—
Paradichlorobenzene, dms., c.l., works.	lb.	.11 -	.12
l.c.l., same basis	lb.	.12½-	.13
Paraffin,[1] crude scale, white or yellow, 124-126 ASTM, bbls., c.l., refinery.	lb.	.04¼-	—
fully ref'd slabs, loose, 117-119 ASTM, c.l., refinery.	lb.	.05 -	—
120-122 ASTM, refinery.	lb.	.0520-	—
123-124 ASTM, refinery.	lb.	.0530-	—
125-127 ASTM, refinery.	lb.	.0560-	—
127-129 ASTM, refinery.	lb.	.0585-	—
128-130 ASTM, refinery.	lb.	.0595-	—
130-132 ASTM, refinery.	lb.	.0615-	—
132-134 ASTM, refinery.	lb.	.0640-	—
135-137 ASTM, refinery.	lb.	.0715-	—
140-142 ASTM, refinery.	lb.	.0810-	—
146-148 ASTM, refinery.	lb.	.1050-	—
Prices in bags 4/10c. lb. higher.			
Paraformaldehyde, dms., 1,000 lbs. or more, works.	lb.	.21 -	—
smaller lots, works.	lb.	.22 -	—
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., wks.	lb.	.12 -	—
10-gal. dms., works.	lb.	.15 -	—
USP, obys., cns.	lb.	.35 -	.45
Paranitroaniline, kgs., works.	lb.	.41 -	.43
Paranitrochlorobenzene, kgs., wks.	lb.	.15 -	—
Paranitrophenol, kgs.	lb.	.35 -	—
Paranitrotoluene, kgs., works.	lb.	.30 -	—
Paraphenylenediamine, tech., kgs.	lb.	1.25 -	—
Paratoluenesulphonamide, bbls.	lb.	.70 -	—
Paratoluidin, bbls., works.	lb.	.45 -	—
Paris green,[1] dealer, distributor, dms., kgs., c.l., works, frt. alld.	lb.	.20 -	.27
l.c.l., same basis	lb.	.22 -	.28
Passion flower herb, bls.	lb.	.20 -	.23
Patchouli leaves, bls.	lb.	.38 -	.40
Pectin, bbls.	lb.	1.25 -	—
Penicillin,[4,6] ampuls, per 100,000 units.		.45 -	—
Pennyroyal leaves, bls.	lb.	.34 -	.38
Pentachlorophenol, dms., works,	lb.	.30 -	.38
Pentaerythritol, CP, bbls., dlvd.	lb.	.75 -	—
smaller containers	lb.	1.00 -	—
tech., bbls., c.l.	lb.	.27 -	—
l.c.l.	lb.	.31 -	—
Pentane, 29°-32° C., industrial grade, dms., c.l., Group 3,	gal.	.11 -	—
l.c.l., dms., Group 3,	gal.	.19 -	—
laboratory grade, tanks, Group 3.	gal.	.07½-	.07¾
10-gal. cns., dlvd. E.	gal.	.55 -	—
dms., c.l., Group 3	gal.	.16 -	—
l.c.l., Group 3	gal.	.20 -	—
Pepper, black,[1,7]	lb.	.55 -	.56
Red, capsicum, Carolina, lungs, new crop, bgs., ship't point.	lb.	.45 -	.49
sports, old crop, bgs.	lb.	No stocks	
Louisiana, sports, bgs.	lb.	No stocks	
long, new crop, bgs., ship't point.	lb.	No stocks	
Chillies, Haitian, bgs.	lb.	.55 -	.60
Mexican, long	lb.	.49 -	.50
White,[1,7] bgs., 15 tons	lb.	No stocks	
Peppermint, dom., USP, bls.	lb.	1.20 -	1.25
imported, USP, bls.	lb.	1.40 -	1.50

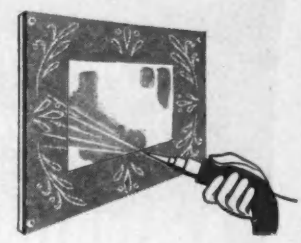
Problem—To manufacture simple lamp shade with maximum speed, minimum labor; taping paper shade to wire frame.

Solution—Mystik Self-Stik Cloth Tape goes on easily, holds permanently, eliminates moistening operation and drying time.



Problem—Eliminate condensation on cold water pipes and dripping with resulting damage to machinery, storage, materials, etc.

Solution—Mystik Self-Stik DRI-PIPE stops pipe drip positively. A combination of thick insulation and waterproof tape, it applies easily, quickly to pipes without tools.



Problem—To sand blast designs on mirrors and glassware with maximum speed, minimum spoilage.

Solution—Mystik SAND BLAST is ideal masking material made especially for sand blasting glass. Designs are die cut in the Self-Stik mask. Applies and removes easily, cleanly. Positive protection.

Methods *by Mystik*

Problem—(1) To mask stainless steel at the mill and during fabrication for protection against scratches, mars, other injuries. (2) Masking material must remove easily without marring polished surface.

Solution—Mystik MASK, a new development, gives positive protection; applies directly from roll to surface (no liner necessary); peels off instantly in one piece. Saves production time. Reduces spoilage, re-polishing.

● Do you have an operation in your plant which you think could be speeded up or reduced in cost? There's a good chance that a "Mystik Method" will do the job. Mystik Adhesive Products provide *ways to do things better*. They will solve *your* problems.

Mystik comes in many forms—MYSTIK SELF-STIK TAPE, cloth or paper, up to 36" wide—MYSTIK MASK, a reinforced paper material for protecting fine surfaces—MYSTIK SPRA-MASK, a fast method for stencil spray-painting designs and insignia—MYSTIK SAND BLAST, a protective covering for sand blasting glass—MYSTIK DRI-PIPE, an insulation to stop pipe drip—MYSTIK-PRINT, for Self-Stik labels and signs.

FREE— *Send for Mystik samples and interesting new booklet showing how Methods by Mystik can cut costs in your plant. Mail coupon to—Mystik Adhesive Products, 2639 N. Kildare, Chicago 39. Sales offices in major cities. Export office, New York City. Canada—G. A. Moggridge Co., Ltd., St. Catharines, Ont.*

Mystik Adhesive Products, 2639 N. Kildare, Chicago 39.

SEND *FREE* BOOKLET AND FOLLOWING SAMPLES:

☐ Mystik Cloth Tape; ☐ Mystik Waterproof Cloth Tape;
☐ Mystik Mask; ☐ Mystik Spra-Mask; ☐ Mystik Sand Blast;
☐ Mystik Paper Masking Tape; ☐ Mystik Dri-Pipe; ☐ Mystik-Print.

Name _____ Title _____

Company _____

Address _____

MYSTIK
Self-Stik
ADHESIVE PRODUCTS
"ANYTHING THAT STICKS"

Perchlorocthylene, dms., c.l., Zone 1, works, frt. alld.	lb.	.0772- .0800
Zone 2, same basis	lb.	.0832- .0860
Zone 3, same basis	lb.	.0882- .0900
Zone 4, same basis	lb.	.0876- .0900
l.c.l., Zone 1, same basis	lb.	.0882- .0950
Zone 2, same basis	lb.	.0882- .0900
Zone 3, same basis	lb.	.0982- .0950
Zone 4, same basis	lb.	.0926- .0950
Perchlorocthylene sonss are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kansas, La., Miss., Neb., N. D., Okla., S. C., S. D.; (3), Col., Mont., (E) N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.		
Peru balsam, dms.	lb.	1.25 - 1.90
Petrolatum, tech., dark, bbls., c.l., Group 3	lb.	.021 - —
golden topaz, bbls., c.l.	lb.	.022 - —
l.c.l.	lb.	.026 - —
red, veterinarian, bbls., c.l.	lb.	.024 - —
l.c.l	lb.	.026 - —
USP, amber, non-ret. dms., c.l.	lb.	.03¾- —
l.c.l.	lb.	.04¾- —
extra amber, dms., c.l.	lb.	.04 - —
l.c.l.	lb.	.05 - —
cream, c.l., dms	lb.	.05¾- —
l.c.l.	lb.	.06¾- —
white, lily, dms., c.l.	lb.	.06¼- —
l.c.l.	lb.	.07¾- —
snow, dms., c.l.	lb.	.06¾- —
l.c.l.	lb.	.08¾- —
soft, dms., c.l.	lb.	.06¼- —
l.c.l.	lb.	.07½- —
yellow, soft, dms., c.l.	lb.	.03¾- —
l.c.l.	lb.	.04¾- —
Petroleum, crude, bulk, at wells, California, heavy grades	bbl.	1.28 - 1.98
Illinois	bbl.	1.67 - —
Kentucky, Union County	bbl.	1.62 - 1.67
Louisiana-Arkansas	bbl.	1.16 - 1.50
Oklahoma-Kansas	bbl.	1.15 - 1.55
Pennsylvania, lower field	bbl.	3.23 - 3.35
Upper field	bbl.	1.66 - 3.00
Texas, East	bbl.	1.60 - —
Gulf coast	bbl.	1.40 - 1.83
North, North-Central	bbl.	1.36 - 1.60
Panhandle	bbl.	1.08 - 1.50
West	bbl.	1.00 - 1.40
Wyoming	bbl.	1.15 - 1.55
Ether, laboratory grade, 30°-60° C, 10-gal. cns., dlvd. E.	gal.	.55 - —
dms., c.l., Group 3	gal.	.16 - —
l.c.l., same basis	gal.	.20 - —
35°-60° C., 10-gal., cns., dlvd., E.	gal.	.55 - —
dms., c.l., Group 3	gal.	.16 - —
l.c.l., same basis	gal.	.20 - —
40°-75° C, 10-gal., cns., dlvd., E.	gal.	.55 - —
dms., c.l., Group 3	gal.	.16 - —
l.c.l., same basis	gal.	.20 - —
Fuel oil,[3] furnace, tanks, at refinery, Arkansas, No. 2	gal.	.04½- —
No. 3	gal.	.04 - —
Bayonne, No. 2, tanks	gal.	.057 - —
California, heavy	bbl.	1.25 - —
light	bbl.	1.30 - —
diesel	gal.	.04¾- —
range	gal.	.05¾- —
Petroleum, fuel oil, furnace, at refinery, Group 3, No. 1	gal.	.04¾- —
No. 2, straw	gal.	.04¾- —
No. 3	gal.	.04 - —
range	gal.	.04½- —
Kansas, No. 6	bbl.	1.23 - —
Oklahoma, No. 1, p.w.	gal.	.04¾- —
No. 1, straw	gal.	.04¼- —
No. 2, straw	gal.	.04¼- —
No. 3	gal.	.04 - —
No. 6	bbl.	1.10 - —
range	gal.	.04½- —
Pennsylvania, No. 1	gal.	.0967½- .09925
No. 2	gal.	.0925- .09375
No. 3	gal.	.0925- .09375
36-40 gravity	gal.	.05¾- .06¾
bunker C (No. 6), tanks, Albany, N. Y.	bbl.	1.92 - —
Baltimore, Md.	bbl.	1.73 - —
Boston, Mass.	bbl.	1.765 - —
Charleston, S. C.	bbl.	1.68 - —
Fall River, Mass.	bbl.	1.735 - —
Jacksonville, Fla.	bbl.	1.68 - —
New Haven, Conn.	bbl.	1.735 - —
New York, N. Y.	bbl.	1.72 - —
Norfolk, Va.	bbl.	1.68 - —
Philadelphia, Pa.	bbl.	1.72 - —
Portland, Me.	bbl.	1.765 - —
Portsmouth, N. H.	bbl.	1.765 - —
Providence, R. I.	bbl.	1.735 - —
Savannah, Ga.	bbl.	1.63 - —
Tiverton, R. I.	bbl.	1.735 - —
Wilmington, N. C.	bbl.	1.63 - —
Lacquer diluent, California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles	gal.	.11 - —
Fort Wells, Wash.	gal.	.13 - —
East Coast, N. J., N. Y., tanks, refinery	gal.	.11½- —
Group 3, bensol type, tanks	gal.	.07¾- —
toluol type, tanks	gal.	.07¾- —
San Francisco	gal.	.11¼- —
Willbridge, Ore.	gal.	.12 - —
Petroleum, mineral spirits, California, San Francisco, 168-252 b.r., tanks	gal.	.10¼- —
198-290 b.r., tanks	gal.	.10¼- —
246-397 b.r., tanks	gal.	.10¼- —
312-408 b.r., tanks	gal.	.09 - —
362-458 b.r., tanks	gal.	.09 - —
East coast, N. J., N. Y., tanks, refinery	gal.	.10 - —
Group 3, tanks, refinery	gal.	.06¾- .06½
Gulf coast, tanks	gal.	.06¾- —
tankwagon, Baltimore	gal.	.1210- —
Boston	gal.	.13 - —
Bridgeport, Conn.	gal.	.1430- —
Buffalo	gal.	.1240- —
Camden, N. J.	gal.	.11 - —
Chicago	gal.	.1150- —
Detroit	gal.	.1280- —
Hartford	gal.	.1430- —
Kansas City, Mo.	gal.	.1280- —
Lancaster, Pa.	gal.	.13 - —
Milwaukee	gal.	.1240- —
Minneapolis	gal.	.1220- —
Newark	gal.	.11 - —
New York	gal.	.11 - —
Philadelphia	gal.	.11 - —
Pittsburgh	gal.	.125 - —
Providence	gal.	.13 - —
Rochester	gal.	.1220- —
St. Louis	gal.	.1270- —
Syracuse	gal.	.14 - —
Washington, D. C.	gal.	.135 - —
Wilmington, Del.	gal.	.11 - —
Naphtha, cleaners, California, tanks, San Francisco	gal.	.12 - —
East coast, N. J., N. Y., tanks, refinery	gal.	.11 - —
Group 3, tanks, refinery	gal.	.07½- .07½
tankwagon, Newark	gal.	.12 - —
Bridgeport	gal.	.1750- —
Chicago	gal.	.1280- —
Detroit	gal.	.13 - —
Milwaukee	gal.	.1440- —
Minneapolis	gal.	.1420- —
New York	gal.	.12 - —
Philadelphia	gal.	.125 - —
St. Louis	gal.	.1470- —
high-solvency, No. 3, tanks, Paulsboro, N. J.	gal.	.16 - .225
No. 30, tanks, same basis	gal.	.17 - .220
No. 40, tanks, same basis	gal.	.17½- .220
No. A-80, tanks, Carteret, N. J.	gal.	.21½- —
Chicago, Cincinnati, Detroit	gal.	.23 - —
No. B-90, tanks, all shipping points	gal.	.24½- —
No. F-80, tanks, Carteret, N. J.	gal.	.23 - —
V.M.&P., at refinery, California, 46.5, 254 i.b.p., 380 e.p., tanks, El Segundo	gal.	.41 - —
Richmond	gal.	.11½- —
Willbridge, Ore., Pt. Wells, Wash.	gal.	.12 - —
54-77, 190 i.b.p., 310 e.p., Los Angeles	gal.	.10 - —
San Francisco	gal.	.10¼- —
Portland, Seattle	gal.	.11 - —
Group 3, tanks	lb.	.07¾- .07½
Gulf Coast (dlvd. New Orleans), tanks	gal.	.06½- —
tankwagon, Boston	gal.	.13 - —
Chicago	gal.	.1380- —
Detroit	gal.	.15 - —
Milwaukee	gal.	.1540- —
Minneapolis	gal.	.1520- —
Newark	gal.	.135 - —
New York	gal.	.12 - —
Philadelphia	gal.	.125 - —
Pittsburgh	gal.	.12¼- —
St. Louis	gal.	.1470- —
Solvent, rubber, at refinery, California, San Francisco	gal.	.25½- —
East Coast, N. J., N. Y., tanks	gal.	.11 - —
Group 3, tanks	gal.	.07¾- .07½
Stoddard (CS 8-83), at refinery:—		
California (San Francisco), tanks	gal.	.11 - —
East Coast, N. J., N. Y., tanks	gal.	.10 - —
Group 3, tanks	gal.	.06¾- —
Pennsylvania, western, tanks	gal.	.07¼- .07½
tankwagon, Baltimore	gal.	.12 - —
Boston	gal.	.12 - —
Chicago	gal.	.12½- —
Detroit	gal.	.1580- —
Milwaukee	gal.	.1440- —
Minneapolis	gal.	.1420- —
Newark	gal.	.11 - —
New York	gal.	.11 - —
Philadelphia	gal.	.11 - —
Pittsburgh	gal.	.12½- —
St. Louis	gal.	.1370- —
Syracuse	gal.	.14 - —
Sulphonates, 65% sulphonic content, ret. dms., c.l., works	lb.	.09¾- —
l.c.l., works	lb.	.09¾- .10¾
tanks, works	lb.	.09¼- —
50% sulphonic content, ret. dms., c.l., works	lb.	.09¾- —
l.c.l., works	lb.	.09¾- .10¾
tanks, works	lb.	.09¼- —
Phenobarbital, cns.	lb.	3.60 - 3.70
dms., 100 lbs.	lb.	3.50 - —
Phenol, 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald.	lb.	.10 - —
l.c.l., same basis	lb.	.10¾- —
tanks, same basis	lb.	.09 - —
82-84% (cresol, 16-18%), dms., c.l., same basis	lb.	.09¾- .10¾
l.c.l., same basis	lb.	.10¾- —
tanks, same basis	lb.	.08¾- .09¼
USP, dms., c.l., same basis	lb.	.10½- .11¾
l.c.l., same basis	lb.	.11¾- .12
tanks, same basis	lb.	.09½- .10¼
Phenolphthalein, USP, bbls., dms., 2,000 lbs.	lb.	.85 - —
smaller lots	lb.	.87 - .93
Yellow, fib. dms., 2,000 lbs.	lb.	.80 - —
smaller lots	lb.	.82 - .87
Phenothiazin, NF, fib. dms., ton lots or more, works	lb.	.49 - —
smaller lots, works	lb.	.54 - —
Phenylacetaldehyde, solution, 50%, bots.	lb.	2.45 - 2.50
pure, bots.	lb.	4.00 - 5.00
Phenylethyl acetate, dms.	lb.	2.15 - 2.70
Phenylethylphenyl, acetate, bots.	lb.	6.35 - 7.50
Phenylhydrazin, base, CP, bots.	lb.	4.55 - —
Hydrochloride, CP, bots., works.	lb.	7.10 - —
commercial, kgs., works	lb.	1.75 - —
Phloroglucinol, CP, fib. dms.	lb.	13.75 -14.75
tech., fib. dms.	lb.	12.00 -12.55
Phosgene, ton lots, works	lb.	.19 - —
Phosphate, deduorinated (see under D).		
Phosphate rock,[1] Fla., land pebble unground, run-of-mine, washed, dried, 68%-68% b.p.l., bulk, car at mine, c.l.	long ton.	2.60 - —
70%-68%, same basis	long ton.	3.00 - —
72%-70%, b.p.l., same basis	long ton.	3.60 - —

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ACTIVATED carbon, most versatile of adsorbents, has demonstrated its wide usefulness in solving problems of deodorization, decolorization, fractionation, gas purification, solvent recovery, catalysis, air conditioning and drug and organic chemical isolation, in gas or liquid phase.

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INQUIRIES INVITED

Pittsburgh Coke & Chemical Company

Grant Building — Pittsburgh, Pennsylvania

Phosphate rock, Fla., land pebble, unground, run-of-pile, washed, dried, 75-74%, b.p.l., same basis..long ton. 4.60 - —
77%-76%, b.p.l., same basis..long ton. 5.00 - —
entirely pebble, 50c. per ton higher than above prices.
Finely ground, 66.5% b.p.l., 30% P_2O_5 minimum.....short ton. 3.15 - —
68%, basis 31% P_2O_5 minimum..short ton. 3.35 - —
70%, basis 32% P_2O_5 minimum..short ton. 3.70 - —
Tennessee, brown, unground, run-of-mine, 70-68% b.p.l., 6½% i. & a., same basis.. long ton. 5.50 - —
72%-70%, b.p.l., 5½% i. & a., same basis..long ton. 6.00 - —
refinery ground, 29% P_2O_5, same basis..long ton. 5.15 - —
30% P_2O_5, same basis.... long ton. 5.35 - —
31% P_2O_5, same basis. short ton. 5.45 - —
32% P_2O_5, same basis.... short ton. 5.70 - —
33% P_2O_5, same basis.... short ton. 6.20 - —
Phosphorus, red, amorphous, cs. lb. .40 - .44
tins, export.....lb. .55 - —
yellow, cns.....lb. .28 - .35
dms., c.l.....lb. .14½- —
Oxychloride, dms., c.l.....lb. .10½- —
l.c.l., dms.....lb. .12½- .15
Pentoxide, dms., c.l., works.. lb. .11 - .13
l.c.l., works.....lb. .13 - .14
Sesquisulphide, cs.....lb. .36 - .43
Trichloride, dms., c.l.....lb. .10½- —
l.c.l. .....lb. .12½- .15
Phthalamide, bbls., works.....lb. .32 - .40
kgs., works.....lb. .45 - .50
Phthalic anhydride, bgs., bbls., c.l., works, frt. alld. E. of Denver..lb. .13 - —
l.c.l., same basis.....lb. .14 - —
Piehl leaves, bgs.....lb. .07 - .08
Picoline (see Alphapicoline and Betapicoline).
Picrotoxin, bots.....oz. 9.00 - —
Pilocarpine hydrochloride, USP, bots., vis..oz. 5.25 - 6.50
Nitrate, bots., vis.....oz. 5.15 - 6.25
Pimento, Jamaica, bgs.....lb. .24 - .24½
Pinetar, retort, dms., incl., c.l., works, dlvd. E..gal. .31 - .37½
l.c.l., works, dms. incl..gal. .32 - —
tanks, dlvd. E.....gal. .27 - .29
Pinkroot, bls.....lb. 1.10 - 1.15
Piperazine hexahydate, bots..lb. 16.00 - —
Pitch, burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l., works.....ton. 22.00 - —
Cottonseed, dms., works.....lb. .04 - .06
Hardwood, paper bgs., works.. lb. .03½- —
Linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Pine, dms.....100 lbs. 6.50 - —
stands, 200 lbs.....stand. 6.00 - —
Soybean, dms., works.....lb. .04 - .06
Plaster of paris (see Gypsum).
Podophyllin, dms. .....lb. 10.50 -10.70
Pokeroot, bls.....lb. .19 - .20
Polystyrene, plain colors, dms., 50,000 lbs., works, frt. alld. lb. .23 - —
20,000 lbs., frt. alld.....lb. .23 - —
smaller lots, frt. alld....lb. .24 - .26
Water-clear, polystyrene, 7c. per lb. less than plain colors.
Pomegranate, root bark, bgs..lb. .75 - .76
Poppy flowers, bls.....lb. .69 - .70
Seed, Argentino, bgs., futures. lb. .23 - .23½
Danish, bgs. .....lb. .26 - .26½
Dutch .....lb. .28 - .28½
Indian, white, bgs.....lb. No stocks
Swedish, bgs. .....lb. .25 - .25½
Turkish, bgs.....lb. .25 - .26
Potash abietate.....lb. .60 - —
Acetate, USP, dms.....lb. .28 - —
Arsenite, USP, solut., cbys., djns..lb. .13 - .15
Bicarbonate, USP, cryst., gran., bbls., dms..lb. .10 - .21
Bichromate,[1] bgs., c.l, works. lb. .10 - —
l.c.l., works.....lb. .10½- .10¾
Potash bichromate in bbls. ½c. higher.
Borate, gran., bbls., N. Y. or Chi..lb. .1618- —
Bromide, USP, gran., 500-lb. bbls., dms..lb. .25 - —
100-lb. kgs.....lb. .30 - —
Carbonate, calcined, bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 82-85%, bbls., c.l., works..lb. .05½- —
dms., l.c.l., same basis..lb. .05¾- —
USP, gran., bbls., dms.....lb. .14 - .20
powd., bbls., dms.....lb. .19 - .21
Caustic, low-chloride, 90% basis, flake, dms., c.l., works. 100 lbs. 9.31 - —
l.c.l., works....100 lbs. 9.68½- —
liquid, dms., c.l., works... 100 lbs. 8.26 - —
l.c.l., works....100 lbs. 8.63½- —
tanks, works.....100 lbs. 8.06 - —
solid .....100 lbs. 8.56 - —
l.c.l., works.....100 lbs. 8.93½- —
regular, flake, 88-92%, dms., l.c.l., works.....lb. .07½- .07¾
liquid, 45% basis, dms., c.l., c.l., works..lb. .07 - —
works, frt. alld..lb. .03½- —
l.c.l., same basis.....lb. .03½- .03½
tanks, same basis.....lb. .03¾- —
solid, 88-92%, dms., c.l., works..lb. .06½- —
l.c.l. .....lb. .06½- .06¾
Chromate, bgs.....lb. .34 - .38
Chlorate,[2] cryst., kgs., c.l., works..lb. .11 - .11¾
l.c.l., works.....lb .119 - .13
powd., dms., kgs., c.l., works. lb. .09¾- —
l.c.l., works.....lb. .119 - .13
export, 1 to 10 tons, kgs. ex whse..lb. .16 - .18
Chloride, tech., cryst., 99%, bgs., kgs..lb. .06 Nom.
Citrate, USP, gran., bbls., dms. lbs. .83½- .85½
powd., 2c. per lb. higher.
Cyanide, dms., works.....lb. .35 - —
Fluoride, bbls.....lb. .34 - .40
Glycerophosphate, 75% solution, cns., cbys..lb. 1.65 - 1.67
dms., 1,000-lb. lots.....lb. 1.80 - —
100-lb. lots.....lb. 1.90 - —
Guaiacolsulphonate, NF, dms. lb. 1.65 - 1.75
Hydroxide, USP, sticks, dms..lb. .34 - .36
Hypophosphite, cns.....lb. .72 - .75
Iodate, bots., 5 lbs.....lb. 2.40 - —
cns., 25 lbs.....lb. 2.25 - —
Iodide, bots., cns.....lb. 1.44 - 1.48
dms. .....lb. 1.35 - 1.38

Potash, manure salt, 22%, K_2O, Carlsbad, N. M..unit-ton. .20 - —
30% K_2O, same basis..unit-ton. .31 - —
Metabisulphite, gran., bbls..lb. .19 - .21
powd., bbls.....lb. .25 - —
Muriate, 50m., 60-62-63% K_2O, bulk, ex-vessel, ports.... unit-ton. .53½- —
granular, 50 - 52% K_2O.... unit-ton. .53½- —
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal.; 8c. per unit of K_2O less than ex vessel price at Pacific coast ports.
Nitrate (see Saltpeter).
Oxalate, neutral pure, gran., cbls., dms..lb. .37 - .50
tech. fine gran., bbls., dms. lb. .28 - .31
Perchlorate, kgs., works.....lb. .09¾- .11
Permanganate, tech., dms., works..lb. .18¾- .20¾
USP, dms., works.....lb. .20½- .21
Persulphate, dms., c.l., works, lb. .16 - —
l.c.l., same basis.....lb. .20 - —
Prussiate, red, kgs.....lb. .50 - .55
Yellow, bbls.....lb. .16 - .17
Ricinoleate, tech., bbls.....lb. .18 - —
Silicate, glass, bgs., c.l., works. ton. 200.00 - —
l.c.l. .....100 lbs. 15.25 - —
solution, 29° Be, ret. drums, c.l., works..100 lbs. 4.25 - —
l.c.l., 5 or more, works. 100 lbs. 5.00 - —
1-4, works.....100 lbs. 5.50 - —
32° Be, ret. dms., c.l., works. 100 lbs. 4.75 - —
l.c.l., 5 or more, works. 100 lbs. 5.50 - —
1-4, works.....100 lbs. 6.00 - —

Potash silicate, solution, 40.5° Be, ret. dms., c.l., works.. 100 lbs. 5.75 - —
l.c.l., 5 or more, works. 100 lbs. 6.50 - —
1-4, works.....100 lbs. 7.00 - —
Sulphate, NF, gran.....lb. .14 - .20
powd., bbls.....lb. .15 - .21
tech., dom., bulk,[3] basis 90-95% K_2SO_4, min. 90% ex vessel Atlantic or Gulf ports..ton. 36.25 - —
West coast potash ports, same basis..ton. 39.25 - —
Sulphocyanide, cryst., N.F., dms...lb. .62 - .70
Triocyanate (see Potash sulphocyanide)
Xanthate, dms., c.l.....lb. .12 - —
Potash-gold cyanide, 41% gold, bots., works..oz. 14.20 -14.95
Potash-magnesia sulphate,[4] bulk, min., 40% K_2SO_4, 18.50% MgO, ex vessel, ports...ton. 26.00 - —
Potash-soda ferricyanide, kgs., works..lb. .40 - .45
Potash-titanium oxalate, bbls., dms..lb. .45 - .50
Prickly ash bark, bls.....lb. .40 - .45
Berries, bgs.....lb. .20 - .21
Prince's pine herb, bls.....lb. .50 - .65
Procaine hydrochloride, cns., 100-lb. lots..lb. 4.00 - —
smaller lots.....lb. 4.25 - 4.75
Propane,[5] industrial grade, tanks, Group 3..gal. .03¾- —
Propyleneglycol, dms., c.l., frt. alld. in E..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .88 - .95

Pumice, grd., fine, bgs., ton lots. lb. .02¾- —
smaller lots.....lb. .03¾- .04
coarse, 0¾, 1, 1¼, 2, 3, bgs., ton lots..lb. .03¾- —
smaller lots.....lb. .03¾- .04¼
Chi., ton lots.....lb. .04½- —
Pumice in bbls. is ½c. per lb. higher.
Pumpkin seed, bgs.....lb. .27 - .28
Purple laks (see Red).
Putty, com'l, dms.....100 lbs. 5.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum,[1] concentrate, dewaxed, 20% for aerosol bombs, dms., works..lb. 9.25 - 9.50
liquid (20 to 1), basis 2 grams pyrethrins for 100 cc., dms., regular base, works..gal. 6.25 - —
odorless base, dms., works. gal. 6.75 - —
(30 to 1), base 2 grams pyrethrins, per 100 cc., bbls., works..gal. 10.00 - —
Flowers, fine-grd., 0.9% pyrethrins, bbls., works..lb. .33¾- —
powder, 0.6% pyrethins, bbls., works..lb. .25 - —
Pyridin, denaturing, ret. dms., works, frt. equald..gal. 1.55 - 1.60
refd., 2°, ret. dms., same basis. lb. .45 - .45½
Pyrites, Spanish, c.i.f. Atl. ports. ton ton. 8.00 -10.00
Pyrocatechin (see Catechol).
Pyrophyllite, standard, 200 mesh, c.l., bulk, mines..ton. 10.00 -11.50
325 mesh, same basis....ton. 12.00 -13.00
No. 3, 200 mesh, c.l., mines.ton. 9.50 - —
325 mesh, same basis.....ton. 11.50 - —
Pyrophyllite in paper bgs., $1.50 per ton extra.

TAKE YOUR "BABY" TO THE DOCTOR!

Here is an export package that can give your new product full protection for either domestic or overseas shipment, and at low cost! It's the tear-resistant, puncture-resistant Bemis Waterproof Bag selected for your new "baby" by the Bemis "doctors."

These trained packaging specialists in the Bemis Shipping Research Laboratory eliminate guesswork in protective packaging. They study your product, analyze the conditions under which it will be handled, and then determine what materials and type of bag construction will give you just the protection you require.

Finally, they test the bag selected under extremes of shipping and storage conditions. When it receives a final "O.K." by the Bemis Shipping Research Laboratory, you can be sure your "baby" will travel safely.

A useful new book, "7 Facts About Low-Cost Protective Packaging," tells how Bemis Waterproof Bags will serve advantageously as the container for your products, for both domestic and overseas shipments. Mail the coupon today for free copy.

Here's Why Bemis Waterproof Bags are Sturdy, Efficient

1. Inside layer of flexible creped kraft paper impregnated with a...
2. Layer of waterproof adhesive that also seals the pores in the...
3. Outside layer of burlap or cotton and cements both layers together.

WATERPROOF DEPARTMENT
BEMIS BRO. BAG CO.
St. Louis · Brooklyn

BEMIS BRO. BAG CO.
408-A Pine St., St. Louis 2, Mo.

Please send your special booklet, "7 Facts About Low-Cost Protective Packaging," and details about use of Bemis Waterproof Bags for _____ (PRODUCT)

Name _____
Company _____
Street _____
City _____ *State* _____

Pyroxylin, scrap, opaque, amber, cs., works..lb. .17 - —
black, cs., works.....lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottled, cs., wks.lb. .16 - —
opaque, white, China, ivory, cs, works..lb. .17 - —
dense, cs., works.....lb. .17 - —
translucent, pastels, cs. works..lb. .17 - —
transparent, cs., works.....lb .17 - —
colors, cs., works.....lb .17 - —
shavings, amber, cs., works lb. .17 - —
mixed colors, cs., works lb .14 - —
white, cs., works.....lb. .17 - —

Q

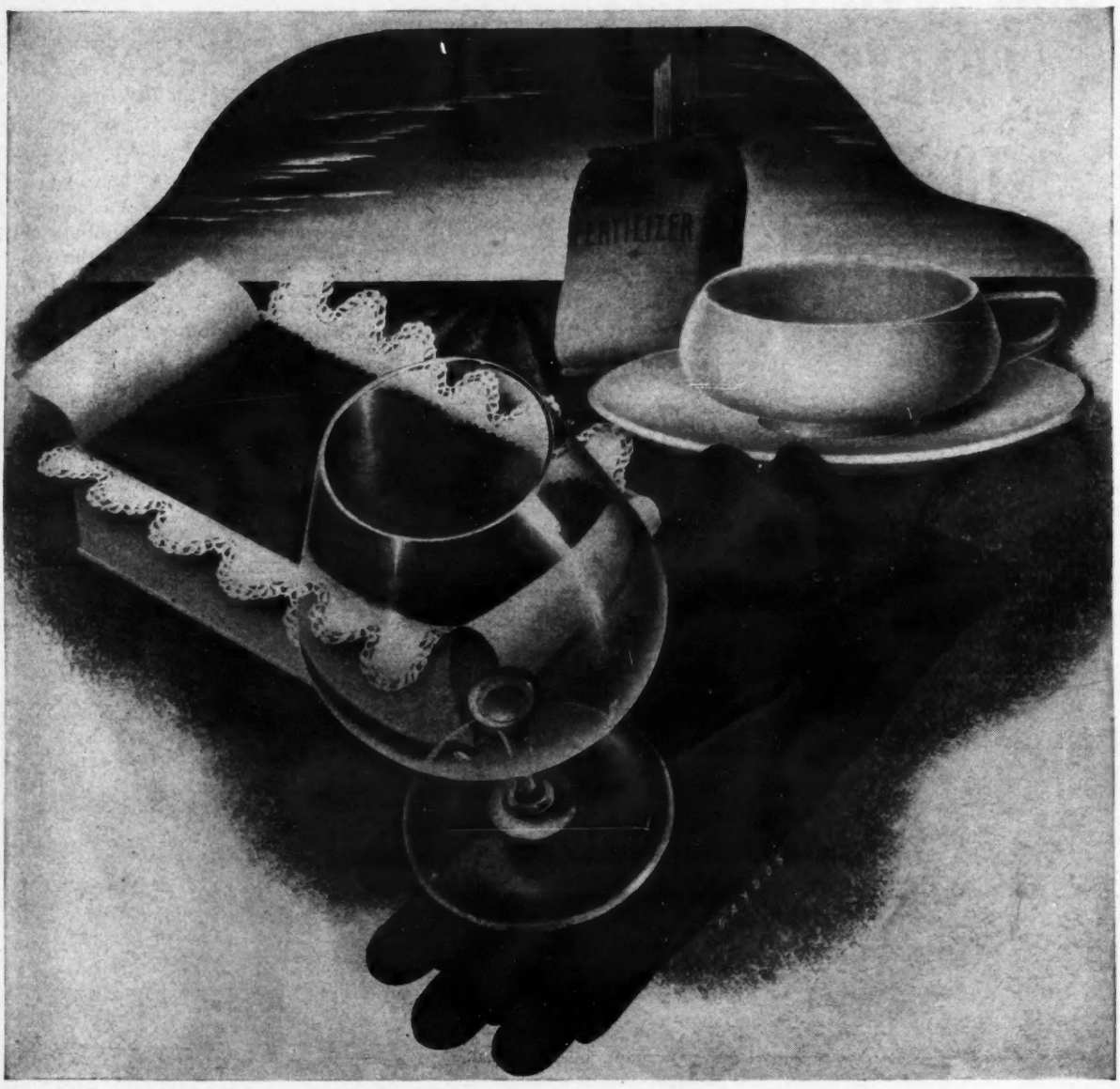
Quassia chips, bls.....lb. .08 - .09
Quebracho extract,[1] solid, 62% tannin, bgs., c.l., ex dock, in bond..lb. .063125- .0652
clarified, 64% tannin, bgs., c.l., same basis..lb. .068125- .070625
dissolved, 35% tannin, bbls., works..lb. .04575- .0595
tanks, works.....lb. .04075- —
ground, 76% tannin, bgs., c.l. lb. .089 - —
l.c.l. .....lb. .0915-
Quebracho extract prices based on 81c freight and $1 insurance per long ton
Queen of the meadow root, bgs lb. .12 - .13
Quercitron, crystals, bbls.....lb. .32 - —
extract, bbls., No. 1.....lb. .13 - —
solid, bxs. .....lb. .23 - —
Quicksilver, flasks (76 lbs. net). flask.96.00 -97.00
Quince seed, bgs .....lb. 1.30 - 1.77
Quinidine,[2] NF V, cryst., cns.oz. No stocks
powd., precip., cns.....oz. No stocks
Sulphate, USP, cns.....oz. No stocks
Quinine,[2] NF, cns., 100 ozs...oz. No stocks
Acetate, cns., 100 ozs.....oz. No stocks
Arsenate, cns., 100 ozs.....oz. No stocks
Asenite, cns., 100 ozs.....oz. No stocks
Bisulphate, USP, cns., 100 ozs. oz. No stocks
Dihydrobromide, bots., 50 ozs.. oz. No stocks
Citrate, cns., 100 ozs.....oz. No stocks
Ethylcarbonate, USP, cns., 100 ozs..oz No stocks
Ferrocyanide, cns., 100 ozs.oz No stocks
Formate, cns., 100 ozs.....oz. No stocks
Glycerophosphate, cns., 100 ozs. oz. No stocks
Hydrochloride, USP, cns., 100 ozs..oz. 89¼- —
Hydrochlorosulphate, cns., 100 ozs..oz. No stocks
Hydroiodide, cns., 100 ozs..oz. No stocks
Hypophosphite, cns., 100 ozs.oz. No stocks
Phosphate, NF, cns., 100 ozs.oz. No stocks
Salicylate, NF, cns., 100 ozs. ozs..oz. No stocks
Sulphate USP, cns., 100 ozs.oz. 89¼
Sulphocarbolate, cns., 100 ozs oz No stocks
Tannate, USP X, cns., 100 ozs. oz. No stocks
Tartrate, cns., 100 ozs.....oz. No stocks
Valerate, NF IV, 100 ozs..oz. No stocks
Quinine-urea hydrochloride,[2] USP cns..oz. No stocks
Quinoline, dms., c.l., works..lb. 24¼- .28

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 -
Raspberries, dried, bls.....lb. 1.75 - 1.80
Red, alizarin lake, bbls., divd. N. of Tenn. and N. C. E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis...lb. 1.10 - 1.90
Prices ½c. per lb. higher divd. Ala., Fla., Ga., La. (Shreveport, 1½c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.) (El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c per lb. higher divd. Pacific Coast prices equaled with Chicago divd. Denver, Pueblo, Salt Lake City, Wichita.
Cadmium lithopone deep shade, bbls., E. of Rockies..lb. 1.30 - —
light shade, bbls, same basis..lb. 1.15 - —
medium shades, bbls same basis..lb. 1.10 - —
Red cadmium lithopone, all shades, 2c smaller pkgs. 5c. per lb. higher.
Selenide, dark, bbls., works.. lb. 2.50 - —
light, same basis.....lb. 2.20 - —
Orange (see Orange).
Carmine, No. 40, dms., bulk, works..lb. 5.50 - —
smaller lots, same basis..lb. 6.10 - —
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, coaltar).
Resin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works.lb. .85 - —
Indian, dom., pure, bls., Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
80-85%, bbls., same basis.lb. .09¾- —
imp., English, all shades..lb. .12 -
Iron oxide, pure, bbls.....lb. .09 - .09¾
reduced, 85% copperas oxide, bbls., l.c.l., Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. 08¾- —
80% copperas oxide, bbls., same basis..lb. .085 - .094
Red, lacquer, maroon, bbls., wks..lb. 1.25 - —
Lake C toner, alizarin, bbls., works..lb. .90 - —
Lithol toner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .28
Rose lake, bbls., works.....lb. .35 - .38
Lithol-rubin toner, alizarin lake, bbls. works..lb. 1.10 - —
Maroon, alizarin lake 25% kgs., works..lb. .40 - —
Cadmium, bbls., works.....lb. 1.10 - —
deep, bbls., same basis..lb. 1.30 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide, tech., bbls., 10,000 lbs., works..lb. 2.00 - —
smaller lots, works...lb. 2.62 - —
Metallic, bbls., works.....lb. .92 - —
Oxide (see Red, iron oxide).
Para toner, concent., alizarin lake, kgs., works..lb. .70 - —
Persian (see Orange).
Phloxin toner (see Red, eosin toner).
Phosphotungstic, rhodamine, Y, kgs., works..lb. 4.10 - —
Purple lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 Nom.
Spanish oxide, grade 1, c.l., bbls..lb. .04¾- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.06 - —
MNPT maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5% bbls., wks....lb. .0230- —
10%, bbls., works.....lb. .0245- —
15%, bbls. works.....lb. .0265- —
20%, bbls works.....lb. .027¼- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .033¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .35 - .40
Quicksilver, bbls.....lb. 2.50 - 2.63
Red precipitate, NF, powd., tin dms..lb. 2.77 - 2.79
Red saunders wood grd., bbls.lb. .35 - —
Resorcinol, tech., dms., works.lb. .64 - .74
USP cryst., dms frt. alld..lb 1.60 - —
Rhatany root, bgs.....lb. .12 - .14
Rhubarb, whole, cs.....lb. 1.85 - 1.90
powd., bbls. .....lb. 1.90 - 2.00
Riboflavin, bots.....kilo.200.00 - —
Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, gran. powd., bbls., 5,000 lbs., 1 ship't..lb. .38½- —
smaller lots.....lb. .39 - .42
Rose flowers, pale, bls.....lb. .33 - .34
Rosemary flowers, bls.....lb. 1.55 - 1.65
Leaves, Portuguese, bls.....lb .06½- .09
Spanish, bls.....lb .12½- .13
Rosin, gum—
B, dms., c.l.....100 lbs. 6.88 - —
D, dms., c.l.....100 lbs. 6.88 - —
E, dms., c.l.....100 lbs. 7.53 - —
F, dms., c.l.....100 lbs. 7.53 - —
G, dms., c.l.....100 lbs. 7.63 - —
H, dms., c.l.....100 lbs. 7.63 - —
I, dms., c.l.....100 lbs. 7.73 - —
K, dms., c.l.....100 lbs. 7.73 - —
M, dms., c.l.....100 lbs. 7.73 - —
N, dms., c.l.....100 lbs. 7.78 - —
WG, dms., c.l.....100 lbs. 7.78 - —
WW, dms., c.l.....100 lbs. 7.83 - —
X, dms., c.l.....100 lbs. 7.83 - —
Wood, B (resin), dms., c.l., works..100 lbs. 4.60 - —
FF, dms., c.l., works.100 lbs. 5.50 - —
G, H, I, dms., c.l., works.. 100 lbs. 5.95 - —
K, dms., c.l., works..100 lbs. 6.00 - —
M, dms., c.l., works..100 lbs. 6.05 - —
N, dms., c.l., works..100 lbs. 6.15 - —
WG, dms., c.l., works.100 lbs. 6.25 - —
WW, X, dms., c.l., works... 100 dms. 6.40 - —
Rotenone,[1] bbls., works.....lb.12.05 -14.50
extract, liq., dms., works..... per unit. 1.15 - —
powder (see Cube root).
Rottenstone,[1] bgs., c.l., mines.. ton.25.50 - —
c.l., mines.....ton.37.50 - —
Rue, bls.....lb. .45 - .50

S

Sabadilla seed, powd., bbls....lb. .65 - .70
activated, ground with lime, bbls..lb. .35 - .50
Saccharin,[1] soluble and insoluble, 1,000 lbs. and up..lb. 1.30 - 1.35
smaller lots.....lb. 1.40 - 1.50
Saffron, Mexican, bls.....lb. 1.55 - 1.66
Spanish, USP, tins.....lb.39.00 -40.00
not USP, tins.....lb.38.75 -39.00
Safrol, cns. .....lb. 1.10 - 1.15
Sage, leucophylla, bgs., Pacific coast..lb. .32 - .33
Cyprus, good, bls.....lb. 19 - .19½
fair, bls., futures.....lb. .18 - .18½
Dalmatian, bls., futures.....lb. .37½- .38
Greek, bls. .....lb. .29 - .29½
Palestine, bls. .....lb 16 - .16½
Spanish, bls. .....lb. .13¼- .13½
Washington, Dalmatian-type, bls..lb. .40 - .41
Sago flour, bgs.....lb. .14 - —
salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Saligenin, dms., works.....lb.15.00 -30.00
Salol, gran., bbls., kgs.....lb. .90 - —
fib. dms.....lb. .92 - .99
Powdered salol, 10c. higher.
Salt, rock, bgs., c.l.....ton.14.20 - —
l.c.l., bgs.....ton.17.20 -18.00
vacuum, common, fine, bgs., c.l..ton.15.70 - —
l.c.l. .....ton.19.00 -23.20
Saltcake, dom., bulk, works..ton.15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 ton lots..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 ton lots.. 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots....oz. 3.75 - —
Santonin, cryst., powd., cns.kilo.170.00-185.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, dom., bls..lb. .45 - .50
Honduras, bls.....lb. .45 - .47
Mexican, bls.....lb. .32 - .33
Sassafras bark, ord., bls.....lb. .45 - .50
select, bls.....lb. .65 - .75
Savory, Calif., bls.....lb. .75 - .76
Spanish, bls.....lb. .22 - .23½
Saw palmetto berries, bgs....lb. .20 - .21
Scammony resin, lump, cns...lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .09 - .10
Schaeffer's salt, bgs. .....lb. .46 - —



Highly essential are the diversified uses of carbonate of potash. In many types of products it provides a quality or combination of qualities that make for complete effectiveness and basic value. Among such products are glass and ceramics, soaps, fertilizers, tanning materials, chocolate "dutching" processes, engraving and lithography. As the pioneer producer of carbonate of potash in this country and for several years the only American producer, Niagara offers you the benefits of experienced counsel and advanced knowledge in using carbonate of potash to obtain the most economical and satisfactory results.

An Essential Part of America's Great Chemical Enterprise

Niagara Alkali Company

CAUSTIC POTASH • CAUSTIC SODA • PARADICHLOROBENZENE • CARBONATE OF POTASH • LIQUID CHLORINE • NIAGATHAL

60 EAST 42nd STREET • NEW YORK 17, N.Y.

Seidlits mixture, bbls., 5,000 lbs., 1 shipment..lb. .30¾- —
smaller lots.....lb. .31¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .31¼- —
smaller lots.....lb. .31¾- —

Selenium, pwd., cns., 10 lb. lots..lb. 1.85 - —
cs., 1,000 lb. lots.....lb. 1.75 - —

Senega root, bls.....lb. 2.20 - 2.25

Senna, Alex., half-leaf, bls....lb. .27 - .28
siftings, bgs. .....lb. .24 - .25

Tinnevelly, No. 1, bls.....lb. .24 - .25
2, bls.....lb. .22 - .23
3, bls.....lb. .19 - .20
powd., bbls., bgs.....lb. .24 - .25
Pods, bls. .....lb. .13 - .14

Serpentaria root, bls.....lb. 2.25 Nom.

Shellac, bleached, bonedry, bbls., 1,500-lb. lots..lb. .71½ Nom.
Boston .....lb. .72½ N om.
Chicago .....lb. .73 Nom.
Pacific coast.....lb. .74½ Nom.
refined, bbls., 1,500-lb. lot. lb. .78½ Nom.
Boston .....lb. .79½ Nom.
Chicago .....lb. .80 Nom.
Pacific coast.....lb. .81½ Nom.

Bonedry shellac sales of less than 1,500 lbs., at following additions to prices: (1) packed in bgs., ½c., per lb.; (2) bbls., 1c. more; (3) kgs., 3c. more.

Superfine, 100 bgs., Boston, N. Y..lb. .70 - .75
Chicago .....lb. .71½ - .75½
Pacific coast.....lb. .73 - .77

TN, 100 bgs., Boston, N. Y.lb. .68 - .72
Chicago .....lb. .69 - .70
Pacific coast.....lb. .70½ - .71½

Shellac in cs., 2c. higher. Shellac sales 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more

Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill. works..ton.17.00 - —
l.c.l., works.....ton.20.00 - —
400 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., works.....ton.19.00 -20.00
wet-grd., 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., same basis....ton.21.00 - —
400 mesh, bgs., c.l., works. ton.30.00 - —
l.c.l., works.....ton.35.00 -38.00
96%-98%, 325 mesh, bgs., c.l., wks..ton.20.00 - —
l.c.l., works .....ton.21.50 -23.00
99%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l. works.....ton.22.00 -25.00
hard-quartz, 99¼%, 325 mesh, bgs., c.l., works.....ton.15.50 - —
l.c.l., works.....ton.18.50 - —
140 mean, bgs., c.l., works, ton 11 00 - —
l.c.l., works.....ton.16.00 - —

Silicon tetrachloride, tech., dms., c.l., works..lb. .15¼- —
l.c.l., works.....lb. .18¼- 27

Silver bullion, foreign.....oz. .7111 Nom.
Cyanide, cns., 100 ozs.....oz. .41½ Nom.
Nitrate, cns., 100 ozs., bots., 2,500-oz. lots..oz. .47 Nom.
1,000-oz. lots .....oz. .47¼ Nom.
smaller lots .....oz. .47½- .47¾
Noucleinate, USP, bots., dms., 1,000-oz. lots..oz. .36 - —
Poteinate, USP, bots., dms., 1,000-oz. lots..oz. .288 - —

Simarubra bark, bls.....lb. .87 - .88
Skullcap, Eastern, bls.....lb. .60 - .65
Western, bls. .....lb. .30 - .33
Skunk cabbage root, bls.....lb. .45 - .50
Slate flour, bgs., c.l., works.ton.11.00 -12.00
l.c.l., works.....ton.12.00 -13.00
Sloe berries, bgs.....lb. .40 - .41
Smalt, black, ctns.....lb. .05 - .06
Blue, ctns.....lb. .07 - .08
Snakeroot, Canada, bls.....lb. .65 - .70
Soapbark, bls.....lb. .28 - .29
crushed, bls., bbls.....lb. .33 - .34
cut., dom., bls., bbls.....lb. .33 - .34
imp., bbls.....lb. No stocks
powd., bbls.....lb. .31 - .32

Soda acetate, anhyd., dms., dlvd. lb. .06¼- 10
NF, cryst., bbls., kgs.....lb. .14 - 16
tech., 60%, l.c.l., dlvd.....lb. .05½- .06

Alginate, refined, water-soluble, bbls., works..lb. .75 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., dms.....lb. 1.50 - 1.60

Aluminate, for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, bgs., c.l., works.. 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00

Antimoniate, bbls., dlvd.....lb. .16 - .16½

Arsenate, dms., dealers, c.l. works..lb. .09¼- —
l.c.l., works.....lb. .10¾- 11¾
grey, dms., dealers, c.l., wks. lb. .06¼- —
l.c.l., works.....lb. .09 - .10

Soda arsenite, gray, ¼c. higher in Chi. 2c. higher in Houston, Tex., and Palo Alto Calif.

Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., dlvd., zone 1.... 100 lbs. 2.19 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.96 - —
bbls., c.l., works, zone 1.. 100 lbs. 1.35 - —
l.c.l., zone 1.....100 lbs. 1.85 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra light, 58%, bgs., c.l.... 100 lbs. 1.18 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works.....100 lbs. 1.45 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.86 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works.. 100 lbs. 1.05 - 1.18
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.86 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —

Soda ash, light, 58%, bulk, c.l. 100 lbs. .90 - —

Soda ash sales zones are:—(1) All States E. of Miss. R. and N. of south bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31° Fla.; also Mo., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 98° Gta.; Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La. and Miss. No. of 31°; (3) Ark. W. of 98°, Kans. Neb., W. of 98°, N. D., Okla., S. D., Tex W. of 100° (including Wichita Falls excluding El Paso); (4) Ariz., Colo., Idaho Mont. Nev., N. M., Utah, Wyo., and El Paso, Tex.

Soda benzoate, tech., bbls., 2 tons or more..lb. .30 - —
smaller lots.....lb. 46 - 47
USP, dms., 2 tons or more..lb. 46 - —
smaller lots .....lb 47 - 52

Bicarbonate, tech., bgs., c.l., works 100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.90 - —
USP, gran., bgs., c.l., works.. 100 lbs. 2.10 - —
l.c.l. .....100 lbs. 2.45 - —

Bichromate,[1] bgs., c.l., works. lb. .07¾- —
l.c.l., works.....lb. .07¾- .08¼
Soda bichromate, in bbls., ¼c. higher

Bifluoride, bbls., c.l., frt alld. E...lb. 11¾- —
l.c.l., same basis.....lb. .12 - 14
less same basis .....lb. .12½- 14

Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solut., 32°, bbls., c.l., works, 100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —

Soda bisulphite, solut., 30° bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.60 - —
35°, bbls., c.l., works.100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
40°, bbls., c.l., works.100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —

Bromide, USP, gran., bbls., 500 lbs., works..lb. 28 - —
fiber dms., 100 lbs., works, lb. .26 - —

Cacodylate, bots., dms.....lb. 8.50 -10.50

Carbonate (see Soda ash, Soda monohydrate Soda sal)

Caustic, flake, powd., 76%, dms, c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1, dlvd.100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 5.55
3, dlvd .....100 lbs. 3.95 - 5.85
4 dlvd .....100 lbs. 4.35 - 5.70

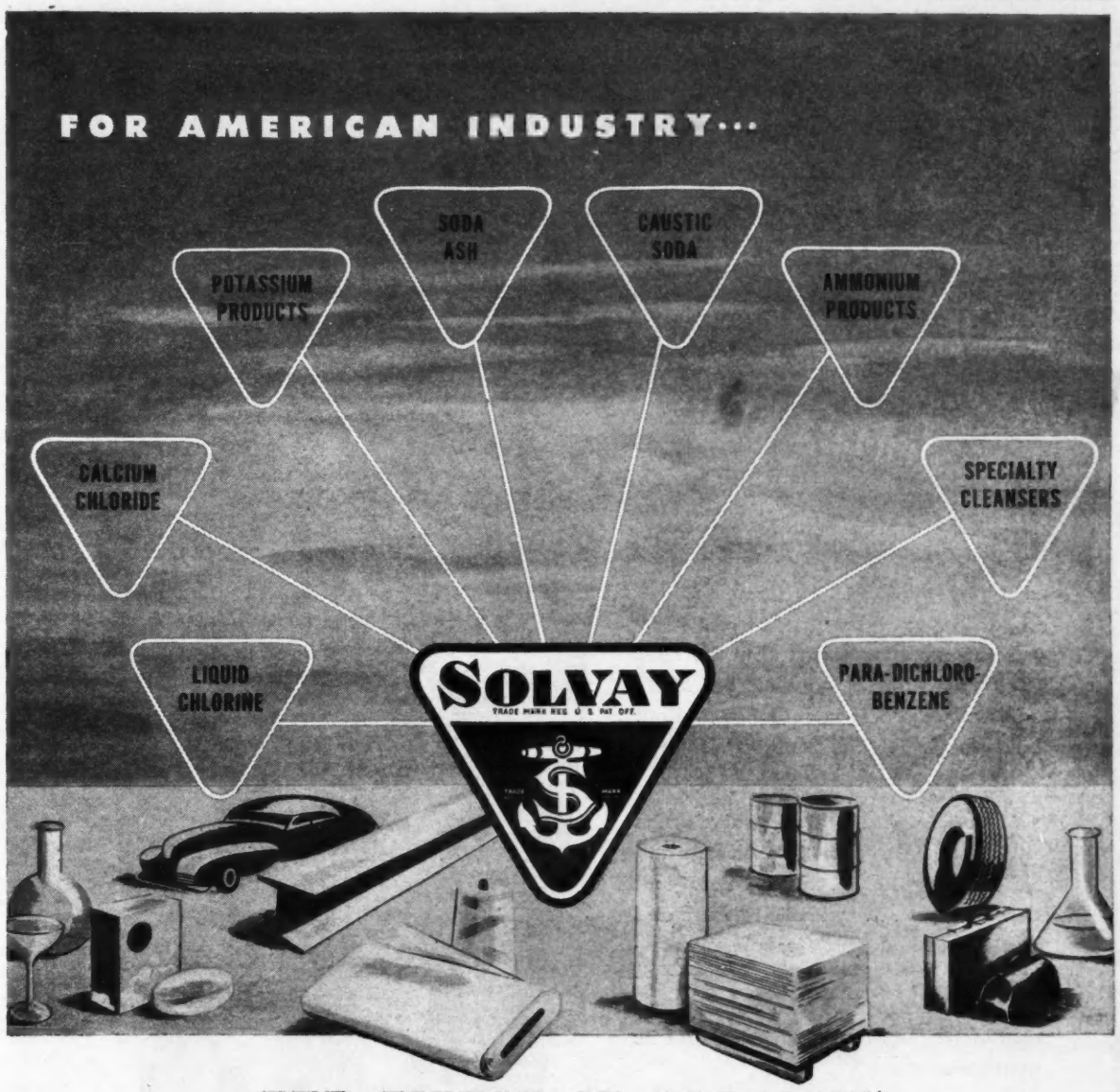
liquid, 47-49% buyer's tanks, works..100 lbs. 1.92½- —
seller's tanks, works. 100 lbs. 1.95 - —
50%, buyer's tanks, works. 100 lbs. 1.97½- —
seller's tanks, works. 100 lbs. 2.00 - —
solid, 76%, dms., c.l., works, 100 lbs. 2.80 - —
l.c.l., zone 1, dlvd..100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —
4, dlvd.....100 lbs. 3.95 - —

Caustic soda zones are same as soda ash

Chlorate, cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06¾- —
powd., kgs., c.l., works....lb. .06¼- —
l.c.l., works.....lb. .07 - .08¼
Chloride (see Salt).

Soda chromate,[1] bbls., cks., c.l., works, frt. equald..lb. .09¼- —
l.c.l., works, frt. equald..lb. .09¾- .10¼
Soda chromate in bgs. is ¼c. less.

Citrate, USP VIII, bbls.....lb. .18½- —
dms. .....lb. .19½- .23½
USP XII, gran., bbls.....lb. .24 - —
dms. .....lb. .25 - .28
powd., bbls.....lb. .24½- —
dms. .....lb. .25½- .29½
Cyanide, 96-98%, dms .....lb. .14½- .16
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09¼- .10¼
anhydrous, dms., dlvd.....lb. .12½- —
Fluoride, white, 96%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
96%, bbls., c.l., works...lb. .07¼- —
l.c.l., works.....lb. .09¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Formate, bgs., c.l., works..lb. .0635- —
l.c.l., works.....lb. .066 - —
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, crys., bbls..100 lbs. 1.25 - —
dms. .....lb. 1.40 - —
powder, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, dms., c.l., frt. alld..lb. .16½- —
l.c.l., frt. alld.....lb .18 -
Hydroxide, USP, sticks, dms. lb. .67 - 70
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, cryst., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis...100 lbs. 2.50 - —
pea, cryst., bgs., c.l., works. 100 lbs. 2.60 - —
Soda, hyposulphite, crystals, in bbls., 20c. higher; pea crystals, dms., 50c higher.



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Soda hyposulphite, USP, cryst., bbls..lb. .10 - .12
Iodate, dms., jars.....lb. 5.40 - 5.40
Iodide, bots.....lb. 2.52 - 2.57
dms., jars.....lb. 2.47 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metaborate, gran., bbls., c.l., divd..lb. .0425- —
l.c.l., N. Y., or Chi....lb. .051 - —
bgs., c.l., divd.....lb. .0425- —
l.c.l., N. Y., or Chi....lb. .044 - —
Metanilate, bgs.....lb. .49 - —
Metasilicate, anhyd., dms., c.l., works, frt. equald.... 100 lbs. 4.00 - —
l.c.l., same basis...100 lbs. 4.20 - 5.50
gran., bbls., c.l., works, frt. equald..100 lbs. 2.50 - —
l.c.l., divd..... ....100 lbs. 3.30 - 3.50
Methylate, bots., works.....lb. 1.00 - —
cns., works.....lb. .55 - .60
dms., works.....lb. .45 - .50
Molybdate,[1] anhyd., kgs., works. lb. .47 - —
crystals, bgs., works.....lb. .50 - —
Monohydrate, bgs., c.l..100 lbs. 2.20 - —
works .....100 lbs. 2.45 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, dom., 100-lb. bgs., c.l., works..ton.30.00 - —
bulk, c.l., works.....ton.27.00 - —
refd, gran., bbls., 10 tons. 100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.75 - 4.00
imp., 100-lb. bgs., c.l., Atl. Gulf, Pac. whse..ton.38.50 - —
bulk, same basis.....ton.35.50 - —
Nitrite, 96-98%, bbls., c.l., works, frt. equald..lb. .06¾- —
west coast ports..100 lbs. 3.00 - 3.05
l.c.l., divd.....100 lbs. 3.00 -11.50

Soda orthosilicate, anhyd., dms., c.l., works, frt. equald. 100 lbs. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.50
flake, dms., c.l., works.100 lbs. 3.10 - —
l.c.l., divd.....100 lbs. 4.30 - 4.35
Oxalate, neut., bgs., works..lb. .10 - —
Pantothenate, dextrorotary, 100-gram bots..per gram. .10 - —
Pentachlorophenate, briquets, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16¼
l.c.l., works, frt. equald.lb. .17 - —
kgs., l.c.l., works, frt. equald..lb. .19 - —
Perborate, NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15½- —
Peroxide, dms., c.l., divd. E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate, dibasic, tech., anhyd., bgs., c.l., works..100 lbs. 6.00 - 6.25
l.c.l., works....100 lbs. 6.40 - 6.75
cryst., bgs., c.l., works.. 100 lbs. 2.55 - 2.70
l.c.l., works....100 lbs. 2.95 - 3.45
USP XII, dried, bbls., dms., works..lb. .150 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.35
l.c.l., works.....100 lbs. 7.95 - 9.00
tribasic, anhydrous, bgs., c.l., works, frt. equald.100 lbs. 6.00 - 6.25
l.c.l., same basis.100 lbs. 6.50 - 7.00
cryst., bgs., c.l., works.... 100 lbs. 2.70 - —
l.c.l., same basis..100 lbs. 3.10 - —
kgs., c.l., works...100 lbs. 3.40 - —
l.c.l., works....100 lbs. 3.90 - —
Soda phosphate rn bbls. 20c. higher.
USP (see Sodium phosphate, dibasic)

Soda prussiate, yellow, bgs...lb. .10¾- —
bbls .....lb. .11 - —
Pyrophosphate, ferric, dms., 10,000 lbs., works..lb. .32 - —
smaller lots, works.....lb. .33½- —
tetra-basic, anhydrous, bgs., c.l., works, frt. equald.. 100 lbs. 5.25 - —
l.c.l., same basis.100 lbs. 5.40 - 5.75
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.85 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.30 - —
Salicylate, dms.....lb. .53 - .54
Sesquicarbonate, bgs., c.l., wks. 100 lbs. 1.50 - —
Phosphate, dibasic, tech., Sesquicarbonate, bbls., c.l., works..100 lbs. 1.70 - —
l.c.l., some 1, divd....100 lbs. 2.70 - —
2, divd.....100 lbs. 2.85 - —
3, divd.....100 lbs. 3.10 - —
4, divd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works. 100 lbs. 3.05 - —
l.c.l. divd.....100 lbs. 4.30 - 4.45
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.13.00 - —
42° turbid, dms., c.l., works, 100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride, bbs., c.l., works. lb. .06½- .07
l.c.l., works.....lb. .07 - .07½
Stannate, dms., works, frt. alld. E...lb. .23½- .25½

Soda stearate, bbls., works..lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07½
tech., anhyd., bgs., c.l., wks. 100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.85 - 2.25
cryst. (see Glauber's salt).
USP, cryst., gran., bbls....lb. .07 - .10
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., divd. .....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works..100 lbs. 3.15 - —
l.c.l., divd. .....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., works..100 lbs. 2.10 - —
l.c.l., works .....100 lbs. 2.35 - —
bbls., c.l., works.....100 lbs. 2.80 - —
l.c.l., works.....100 lbs. 3.55 - —
powd., bbls., c.l., works.... 100 lbs. 5.25 - —
l.c.l., works.....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .30 - .32
powd., bbls.....lb. .36 - .38
Sulphocyanide, CP, dms.....lb. .35 - .60
Sulphohydrate, liquid, 68%, dms., c.l., works, 100% basis. lb. .06 - —
l.c.l., works.....lb. .09 - —
Sulphohydrate, liquid, 86%, tanks, 100% basis, works. lb. .05¾- —
flake, 70-72%, dms., c.l., works..lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls., c.l., works..lb. .12 - —
Thiocyanate (see Soda, sulphocyanide).
Thiosulphate (see Soda hyposulphite).
Tungstate,[1,6] tech., kgs.....lb. 1.35 - 1.50
Soda-ammonia phosphate, bbls., works, frt. equld.....lb. .25 - —
Soda-cinchophen, bots., dms., works..lb. 3.75 - 3.85
Soda-formaldehyde sulphoxalate, stand. cont. 125-250 lbs...lb. .19 - .22
Soda-sulphadiazin, USP, dms., works..lb.10.50 -10.60
Soda-sulphamerazin, dms., works. lb.10.50 -10.60
Soda-sulphapyridine, powd., bots., dms., works..lb. 5.00 - 5.50
Soda-sulphathiazole, USP, dms., works..lb. 2.80 - 2.90
Solvent naphtha, dms., wks..gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .26 - —
Minnequa, Colo.....gal. .26 - —
high-flash, coaltar, dms., works..gal. .32 - —
tanks, frt. alld. E. of Omaha to 2c. per gal..gal. .27 - —
petroleum, tanks, refinery, Baytown, Tex..gal. .19 - —
wire enamel, ret. dms., c.l., frt. equalized..gal. .27 - —
l.c.l., same basis....gal. .30 - —
tanks, works.....gal. .23 - —
Sorbitol, com'l, dms., c.l., works. lb. .20¼- —
l.c.l., works.....lb. .20¾- —
Soybean meal,[3,7] 41%, bulk, c.l., Decatur..ton.39.00 - —
Protein, alpha, bgs., 40,000 lbs., works..lb. .20 - —
20,000 lbs., works.....lb. .20½- —
smaller lots, works.....lb. .20½- .24
Sparteine sulphate, bots., cns..oz. 2.95 - 3.35
Spearmint leaves, bls.....lb. .46 - .49
Spikenard root, bls.....lb. .43 - .55
Spruce extract, liq., reg., bbls., c.l., works..lb. .02½- —
tanks, works.....lb. .01½- —
pwd., super, bgs., c.l., wks.lb. .04½- —
Squaw vine, bls.....lb. .53 - .55
Squill, red, fortified, powd., bbls., bxs..lb. 1.60 - —
White, bls. .....lb. .10 - .12
powd., bbls., bxs.....lb. .16 - .20
St. Ignatius beans, bgs.....lb. No stocks
St. John's bread, edible, bls...lb. .10¾- .11¼
Starch, corn, pearl, bgs., c.l. 100 lbs. 6.271 - —
l.c.l. .....100 lbs. 6.371 - —
Chicago, c.l. .....100 lbs. 5.87 - —
powd., bgs., c.l.....100 lbs. 6.421 - —
l.c.l. .....100 lbs. 6.521 - —
Chicago, c.l. .....100 lbs. 6.02 - —
Potato, bgs., c.l.....lb. .17 - .18
l.c.l. .....lb. .18 - .20
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .05 - —
Starch, iodide, bots.....lb. 1.67 - —
Staves acre seed, bgs.....lb. .60 - .61
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. .50 - .52
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.10 - 1.15
Stramonium leaves, bgs.....lb. .16 - .17
Seed, bgs.....lb. .30 - .31
Strontium bromide, cns., dms..lb. .22 - .25
Carbonate, 90%, bbls.....lb. .14 - .16
99%, bbls.....lb. .22 - .26
Chloride, tech., bbls.....lb. .22 - .24
mesh 90%, bbls., works..ton.55.00 - —
Chromate, bbls., kgs., Phila..lb. .25 - .27
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works...lb. .07¾- —
l.c.l., works.....lb. .08¼- .09¾
Strontium oxalate, bbls., works. lb. .38 - .40
Salicylate, NF, dms.....lb. 1.10 - 1.15
Sulphate, nat., air-floated, 325 mesh 90%, bbls., works..ton.55.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 -50.00
Strophanthus seed, Kombe, bgs., lb. 2.48 - 2.65
Strychnine, NF, powd., cns., 100 ozs..oz. 1.25 - —
Sulphate, USP, powd., cns., 100 ozs..oz. 1.00 - —
Styrolyl acetate, bots.....lb. 2.80 - 3.10
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works...lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazine, USP, dms., works. lb. 9.00 - 9.10
Sulphaguanidin, dms., works..lb. 4.50 - 4.60
Sulphamerazin, dms., works...lb. 9.00 - 9.10
Sulphanilamide, USP, powd., bots., works..lb. 9.00 - 9.10
Sulphanilamide, 30-60 mesh, 10c. higher.
Sulphapyridin, powd., bots., tins, works..lb. 5.00 - 5.50
Sulphathiazole, USP, powd., dms., works..lb. 2.80 - 2.90
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.50
Sulphur, crude, c.l., bulk, mines, contract..long ton.16.00 - —
vessels, Gulf ports, contract..long ton.17.50 - —
Sulphur, flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.11
precipitated, USP, bbls., kgs., lb. .18 - .20
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy, bgs., c.l., works.... 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10

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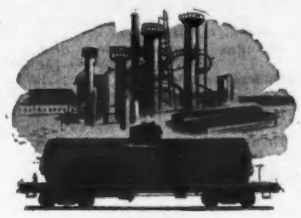
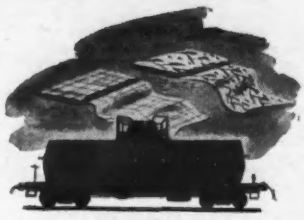


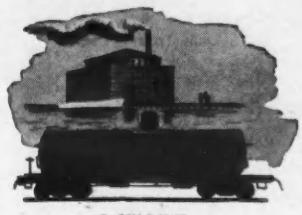
ALCOHOL

Clean, steel car, 6,000 to 10,000 gallon capacity.



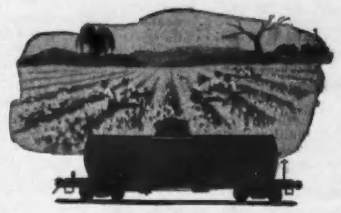
CAUSTIC SODA

Heavily insulated steel car, with or without heater coils, 8,000 or 10,000 gallon capacity. Usually specially lined.



CHLORINE

Insulated, welded car; built to withstand pressure up to 500 pounds; 15 or 30 ton capacity.



COTTONSEED OIL

Clean, steam coiled car of 8,000 gallon capacity.

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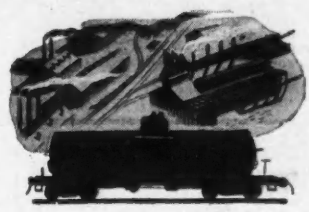
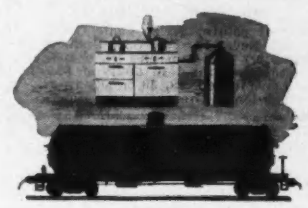


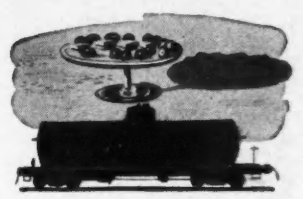
FUEL OIL

Steel car, steam coiled, 8,000 to 12,500 gallon capacity.



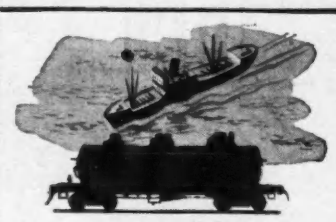
PROPANE

Heavily constructed car, welded and insulated. Built to withstand internal pressures to 300 pounds. Capacity 10,000 to 11,000 gallons.



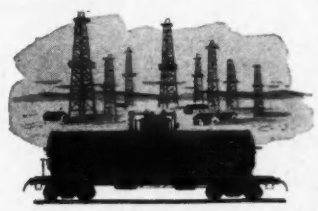
GLUCOSE

Clean, steam coiled with heavy truck capacity. Usually lined with aluminum paint.



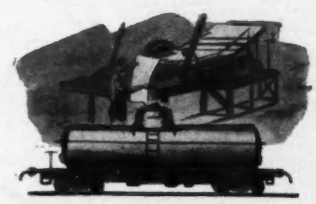
LUBRICATING OIL

Steel car, with steam coils, single or multiple compartment; usually 8,000 gallon capacity.



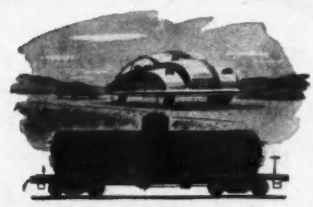
MURIATIC ACID

Car lined with pure or synthetic rubber; 8,000 to 10,000 gallon capacity.



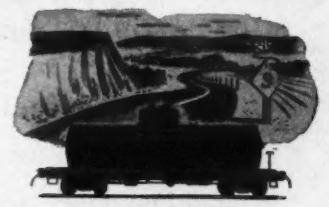
ACETIC ACID

Aluminum Car, 8,000 or 10,000 gallon capacity.



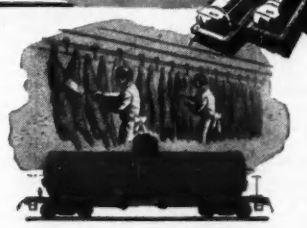
GASOLINE

Clean car, 6,000 to 12,500 gallons; single or multiple compartment.



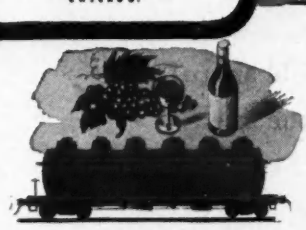
ASPHALT OR TAR

Heavily steam coiled car; with 2 or more inches of insulation; steam jacketed outlet; 8,000 to 10,000 gallon capacity.



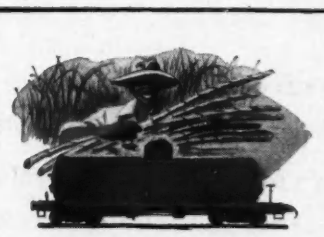
LARD

Clean steam coiled car, usually of 8,000 gallon capacity.



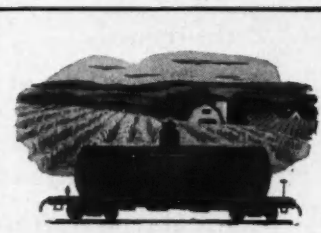
WINE

Insulated car with one to six compartments. Interior coated to preserve quality.



MOLASSES

Steam coiled car with heavy capacity trucks; 8,000 gallon capacity.



SULPHURIC ACID

Heavily constructed steel car with heavy truck capacity. Equipped to unload through dome.

Sulphur, refined, light, bgs., c.l., works..100 lbs. 2.70 - —
l.c.l., works..100 lbs. 3.0[illegible] - 3.[illegible]
flowers, USP, bgs., c.l., works. 100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.60
Refined sulphur flowers in bbls., 35c. higher.
rock, bbls., c.l., works.100 lbs. 2.20 - —
l.c.l., works.....100 lbs 2.55 - 2.70
roll, bbls., c.l., works.100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
rubbermakers', bgs., c.l., wks. 100 lbs 1.85 -
Chloride, 35-gal. dms., c.l., works..lb. .08 - .08½
l.c.l., works.....lb. .04 - .06½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liquid, com'l, cyls., c.l., works..lb. .07 - —
l.c.l. .....lb. .08 - —
multi-unit cars, works..lb. .06 - —
tanks, works.....lb. .04 - —
refrigeration, cyls., l.c.l., works..lb. .13 - .16
Iodide, bots., jars.....lb. 3.80 - 4.15
Sumac extract, No. 1, bbls....lb. .10½- —
No. 2, bbls.....lb. .09 - —
crystals, bbls. .....lb. .40 - —
stainless, bbls. .....lb. .11 - .13½
Superphosphate,[1] pulverized, run-of-pile under 22% a.p.a. bulk, production points, Balto..unit-ton. .70 - —
Florida .....unit-ton. .56 - .59
others .....unit-ton. .57 - .89
Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c., per unit-ton plus frt. charge from Anaconda, Mont., in excess of $8.03 per ton; guaranteed 18, 19 or 20% a.p.a., ½c. per unit-ton higher.

Superphosphate, triple, 48% or more a.p.a., bulk, producing points, Florida, unit-ton. .68 - —
South Carolina..unit-ton. .75 - —
Tennessee .....unit-ton. .80 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.
Superphosphate, gran., 2c. per unit-ton higher than pulverized.
Sweet basil, bls.....lb. .90 - 1.00

T

Talc, dom., ordinary, grd., bgs., c.l., works..ton.14.50 -24.50
l.c.l., works.....ton.16.50 -30.00
Calif., bgs., c.l., wks.ton.17.50 -48.00
Pennsylvania, bgs., c.l., works..ton.11.00 -13.50
c.l., works.....ton.12.00 -14.50
Vermont, bgs., c.l., works, ton.14.00 - —
l.c.l., works.....ton.15.00 - —
fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton.13.00 - —
grd., fine, New York, 325 mesh, 93-94%, bgs., c.l., works..ton.13.00 -16.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.65 - 99.95%, bgs., c.l., works..ton.17.00 -21.00
Imp. Canada, bgs., c.l.....ton.24.00 -30.00
Tallow,[1,7] edible, tanks.....lb. .09⅞- —
inedible, extra, loose.....lb. .08⅝- —
special, loose .....lb. .08½- —
sulphonated, 50% (42% fat), dms., c.l..lb. .07 - .07½
(70% fat), dms., c.l. ...lb. .10 - .10½
Tallow, sulphonated l.c.l., ½c. higher.

Tamarind, bbls. .....lb. .12¾- .12¾
Tankage,[1,7] animal, feed grd., 9-11% ammon., bulk, unit-ton.10.00 - —
Chicago .....unit-ton.10.00 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 5.00 & 10.00
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 5.00 & 10.00
Tapioca flour,[1,8] bgs.....lb. .07 - .07½
Java, bgs.....lb. No stocks
Tar acid oil, 15-18%, dms., c.l., works..gal. .26½- .30½
l.c.l., works.....gal. .28½- .32½
25%, dms., c.l., works...gal. .30 - .35½
l.c.l., works.....gal. .32 - .37½
Tar, pine (see Pinestar).
Tara[1] pods, c.l., ex dock U. S. ports..long ton.97.25 - —
powd., c.l., same basis....long ton.125.00 - —
Tarragon herb, bgs.....lb. .60 - .65
Leaves, bgs.....lb. 1.20 - 1.25
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47½- .48
dms. .....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .52½- .56
Terpin hydrate, com'l, bbls., c.l. .....lb. .24½- —
l c l .....lb. .25 - .25½
USP, cryst., bbls., dms....lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure, dms.....lb. .84 - .90
Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terpinyl acetate, extra, cns., dms..lb. .80 - .87
prime, cns., dms.....lb. .62 - .70

Terra alba (see Gypsum).
Tetrachloroethane, dms., works, lb. .08 - .08½
Tetrachloroethylene, NF VI, 55-gal. dms., works lb. .20 - .21½
smaller dms., works.....lb. .23½- .25½
tech. (see Perchloroethylene).
Tetraethyl orthosilicate, dms., works..lb. .65 - —
Tetralin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 90%, bots., works..lb.12.50 Nom.
Theobromine, dms., 25-lb. lots.. lb. 3.75 - —
smaller lots.....lb. 3.95 - 4.10
Thiamine hydrochloride, dms., 100 grams or more..kilo.160.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiouracil, dms., works.....lb. 5.50 - 5.60
Thiourea, CP, dms.....lb. .55 - .56
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bgs.....lb. .18 - .18½
futures, bgs. .....lb. .16 - .16½
Spanish, bls. .....lb. .13 - .13½
Thymol, cns.....lb. 2.40 - 2.75
Iodide, dms.....lb. 3.40 - 3.60
Timbo root (see Cube root).
Tin chloride,[6] anhydrous.....lb. No stocks
crystals,[6] bgs., bbls.....lb. No stocks
Metal,[16] .....lb. .52 - —
Bolivian .....lb. .62½- —
Straits .....lb. No stocks
Tin oxide,[1,6] bbls.....lb. .54 - .55
Tetrachloride,[6] anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1,4] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., dlvd.....lb. .15½- .15¾
nonchalking,[1,4] bgs., c.l., dlvd. E lb. .16½- —
l.c.l., dlvd.....lb. .16¾- .17¼
plain, bgs., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .14¾- .15¼
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium base,[1,4] bgs., c.l., dlvd..lb. .06¾- —
l.c.l., dlvd.....lb. .06 - —
Calcium base,[1,4] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
Calcium-rutile base,[1,4] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
Magnesium base,[2,4] dlvd.....lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Titanium dioxide and pigment in bbls., ¼c. higher; Pac. coast, c.l., dlvd., l.c.l., ex whse., ¼c. higher.
Tetrachloride, CP, 55-gal. dms., works..lb. .57 - —
smaller pkgs., works.....lb. .65 - 1.25
technical, 55-gal. dms., works. lb. .32 - —
smaller pkgs., works.....lb. .40 - 1.00
Tolu balsam, cns.....lb. 2.50 - 2.60
Toluene (see Toluol).
Toluidin base, distilled, kgs...lb. .96 - —
Toluol (toluene), coaltar, F., indust., dms., return, wks. gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
West Minnequa, Colo..gal. .27 - —
1°, nitration, ret. dms., works. gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
West Minnequa, Colo..gal. .27 - —
Petroleum, tanks, f.o.b. refinery, Baytown, Tex..gal. .19 - —
Bayonne, N. J.....gal. .20 - —
Buffalo, N. Y. and Detroit, Mich..gal. .22 - —
Tonga, 50% bark and vine, bbls. lb. .90 - .91
Tonka beans, Angostura, cks..lb. 1.65 - 1.70
Brazilian, Surinam, cs....lb. .90 - .95
Totaquine,[1,6] USP XII, 100-ozs. lots..oz. .52 - —
Triacetin, dms., works.....lb. .26 - —
Triamylamine, dms., c.l., works. lb. .96 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, dms.....lb. .29 - .31
smaller pkgs.....lb. .34 - .40
Phosphate, cns., l.c.l., dlvd..lb. .53 - .55
dms., l.c.l., dlvd... .....lb. .49 - —
Tributylamine, dms., c.l., works. lb. .78 - —
l.c.l., works.....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .06 - —
l.c.l., frt. alld.....lb. .06¾- —
tanks, frt. alld.....lb. .07½- —
Trichloroethane, dms., c.l., works. lb. .15 - —
l.c.l., works.....lb. .17 - —
Trichloroethylene, dms., c.l., Zone 1, works, frt. alld..lb. .06 - —
Zone 2, frt. alld.....lb. .06½- —
Zone 3, frt. alld.....lb. .06 - —
Zone 4, ex whse.....lb. .09 - —
Trichloroethylene, l.c.l., prices, ½c. higher. Zones are—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (3) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Tricresyl phosphate, tech., cns., works..lb. .28 - .28½
dms., c.l., dlvd.....lb. .25 - —
l.c.l., dlvd.....lb. .25½- —
tanks dlvd.....lb. .24 - —
Triethanolamine, dms., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .40 - —
Triethylamine, dms., c.l., works, basis 100%..lb. .24 - —
l.c.l., works, basis 100%....lb. .26 - —
tanks, works, basis 100%....lb. .20 - —
Triethyleneglycol, dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd. lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Trimethylolpropane, bbls.....lb. .65 - —
Triphenyl phosphate, bbls., c.l., frt. alld..lb. .21 - —
l.c.l., same basis.....lb. .22 - —
Tripoli, air-floated, bgs., c.l., works..ton.21.50 - —
double-grd., bgs., c.l., works.. ton.17.50 - —
once-grd., bgs., c.l., works.ton.16.00 - —
Trisodium phosphate (see Soda phosphate tribasic).
Tuba root (see Cube root).
Tungsten metal, powd., 99-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, kgs.....lb. No prices
Turmeric root, Alleppey, bls...lb. .19½- .20
Haitian, bls. .....lb. .14½- .15
Jamaica, futures, bls.....lb. .15½- .16
Madras, bgs. .....lb. .17 - .17½

IT'S Experience THAT COUNTS!

We are not as old as the proverbial hills but . . . we feel that almost half a century in the metal container field has given us the right to "crow" a little.

Down through the years *NATIONAL CAN* has been serving can users in every field, and we are proud of the fact that they depend upon our experience and facilities to supply their needs.

To our broad background of experience we add an unfailingly helpful and dependable service all along the line.

For assistance in your packaging problems, contact our local representative or write to our main office.

NATIONAL CAN CORPORATION

Executive Offices: 110 EAST 42ND ST., NEW YORK 17, N. Y.

Sales Offices and Plants: BALTIMORE, MD. • BOSTON, MASS. • CHICAGO, ILL. FORT WAYNE, IND. • HAMILTON, OHIO • INDIANAPOLIS, IND. • MASPETH, N. Y.

Turpentine, gum, ret. dms., c.l. gal. 1.06¼- 1.10
l.c.l. .....gal. 1.07½- 1.12
tanks, Savannah.....gal. .96¼- —
Wood, d.d., dms., East....gal. .65 - .70
tanks, East.....gal. .90 - —
steam-dist., ret. dms., East. gal. .95 - 1.08
tanks, East.....gal. .89 - .90
Sulphate, ret. dms.....gal. .80 - .95

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium,[6] oxide, black, bgs...lb. 2.55 - —
yellow, kgs. .....lb. 1.65 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton.68.00 - —
l.c.l., ship. pts.....ton.70.50 -80.00
import, pure, cs.....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works or Atlantic or Gulf ports..ton.57.40 - —
fixed ammonia content, usual Atlantic and Gulf ports, NH_3..ton.116.80 - —
Urea-ammonia liquor (A and B), free ammonia content, Belle, W. Va., freight equalized with Hopewell, Va..ton.59.00 - —
fixed ammonia content, Belle, W. Va., freight equalized with Hopewell, Va., NH_3, ton.112.80 - —

C and D prices for Urea-ammonia liquor are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations.

Urunday, extract, 63% tannin, ex dock, U.S. ports..lb. .05625- .06375
Uva ursi leaves, bls.....lb. .16 - .19

V

Valerian root, Belgian, NF, bls. lb. .50 - .52
Indian, bls.....lb. .45 - .47
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium[1] pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans, Bourbon, tins..lb. 7.75 - 8.50
Mexican, cuts, tins.....lb. 9.50 -10.00
whole, tins .....lb.10.50 -11.00
Tahiti, white label, tins.....lb. 2.50 - 2.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[4] ex eugenol, tins, 25 lbs. or more..lb. 4.50 - —
smaller lots, tins.....lb. 4.55 - 4.65
ex guaiacol, tins, 25 lbs. or more..lb. 2.25 - —
smaller lots, tins.....lb. 2.40 - 2.50
ex lignin, tins, 25 lbs. or more. lb. 2.25 - —
smaller lots, tins.....lb. 2.40 - 2.50
Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .22 - .23
Vinyl acetate, cbys., works....lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., l.c.l., works. lb. .25 - —
Ether, bots., 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis.....bot. 1.05 - —
25 c.c., same basis.....bot. .65 - —
Trichloride (see Trichloroethane).
Vinylpyridin, ref. dms., works.lb. 1.50 - —
Vitamin A (see Oils, codliver, halibut-liver).
B_1 (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
Viosterol (irradiated ergosterol), bots., mil., units. .10 - .12
in corn oil (see Calciferol).
Vitamin C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
D_2 (see Calciferol).
E (see Alphatocopherol).
G (see Riboflavin).
P-F (see Acid, nicotinic, and Nicotinamide)
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum naphtha v.m.p.).

W

Wahoo root bark, bls.....lb. .55 Nom.
Wattle bark,[1,2] E. Africa, bgs., f.a.s..ton.57.50 - —
S. Africa, merchantable, bgs., f.a.s..ton.57.50 - —
fair average, bgs., f.a.s.. ton.60.00 - —
prime quality, bgs., f.a.s.. ton.62.50 - —
extract,[1] liquid, 35% tannin, bbls., works..lb. .05¾- .06¼
tanks, works.....lb. .05¼- .05⅝
solid, E. Afr., 61% tannin, ex dock..lb. .06095- .06345
S. Afr., 62% tannin, ex dock, lb. .0622- .0647
Wattle extract prices based on $12 freight and $1.00 insurance per long ton.
Wax, amorphous (see Wax, microcrystalline).
Bayberry, bgs.....lb. No stocks
Bees, bleached, USP, white, bricks, cakes, cs..lb. .68 - .70
slabs, bgs.....lb. .65 - .68
crude, African, bgs.....lb. .53 - .55
Western hemisphere, bgs.lb. .60 - .65
refined, yellow, bricks, bgs., lb. .60 - .62
slabs, cs.....lb. .60 - .61
Candelilla, crude, bgs.....lb. .78 - .80
refined, bgs.....lb. .80 - .82
Powdered, candelilla, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c.
Carnauba, chalky, No. 3, bgs., ton lots..lb. 1.70 - 1.72
North Country, No. 2, bgs., ton lots..lb. 1.78 - 1.80
No. 3, bgs., ton lots.....lb. 1.75 - 1.78
refined, bgs., ton lots....lb. 1.86 - 1.88
yellow, No. 1, bgs., ton lots. lb. 1.98 - 2.00
No. 2, bgs., ton lots.....lb. 1.96 - 1.98
Powdered carnauba prices, same differentials as powdered candelilla.
Ceresin, dom., 132°-136° m.p., bgs..lb. .12¼- .13⅛
138°-140° m.p., bgs.....lb. .15 - —
158°-162° m.p., bgs.....lb. .19 - .20
Japan, cs.....lb. No stocks

Wax, microcrystalline, 170°-175° m.p., A.S.T.M., amber, ctns, 36 tons, yearly contract, group 3, works, lb. .14½- —
amber, ctns., smaller lots, same basis..lb. .14½- 15⅜
black, ctns., 30 tons, same basis..lb. .13¾- —
smaller lots, same basis.. lb. .13 - .13⅝
190°-195° m.p., A.S.T.M., amber, ctns., 30 tons, same basis..lb. .16½- —
smaller lots, same basis, lb. .16¼- .17⅛
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller lots, same basis, lb. .15 - .15⅝
190°-195° m.p., A.S.T.M., white, ctns., 30 tons, same basis..lb. .24¾- —
smaller lots, same basis, lb. .23 - .25⅞
Montan, bgs.....lb. .55 - .60
Ouricury, crude, bgs., ton lots. lb. 1.03 - 1.05
refined, bgs., ton lots.....lb. 1.18 - 1.22
Powdered ouricury prices same as powdered candelilla.
Ozokerite, dom.[7], 180-190 F., l.c.l. .....lb. .23 - —
165-168 F., bgs., c.l.....lb. .21 - —
171-173 F., bgs., c.l.....lb. .27 - —
Spermaceti, blocks, cs.....lb. .30 - .33
cakes, cs.....lb. .31 - .34
White lead (see Lead, white).
White precipitate, powd., dms., 50 lbs. or more..lb. 2.50 - —
White pine bark, rossed, bls..lb. .18 - .19
Whiting, chalk, dry-grd., bgs., c.l.....ton.18.00 -22.00
l.c.l. .....ton.20.00 -24.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l. .....ton.23.00 -27.00
gilders, bolted, bgs., c.l.ton.20.00 -24.00
l.c.l. .....ton.21.00 -25.00
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l. .....ton.23.00 -27.00
Limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works..ton. 6.00 - —
smaller lots, N.E., works. ton. 7.00 - 9.00
wet-grd., air-coated, 350 mesh, 99¼% bgs., c.l..ton. 9.35 -10.10
200 mesh, 99¾%, bgs., c.l., ton. 8.00 - 9.50
99%, bgs., c.l. .....ton. 6.25 - 7.00
water-floated, extra gilders, bgs., c.l..ton.10.00 - —
gilders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l..ton.12.00 - —
Paris white, bgs., c.l.....ton.24.00 -28.00
ton.24.00 -28.00
l.c.l. .....ton.25.00 -29.00
precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l .....ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, natural, bgs.....lb. .16 - .17
rossed, green, bls .....lb. .25 - .27
Wild indigo root, bls.....lb. .22 - .25
Witch-hazel leaves, bls.....lb. .21 - .22
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N. Y..ton.20.00 - —
60 mesh, same basis.....ton.24.00 - —
80 mesh, same basis.....ton.27.00 - —
100 mesh, same basis.....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.....lb. .20 - .22
Levant, bgs.....lb. 4.50 - 4.75
Wormwood, bls.....lb. .80 - .90

X

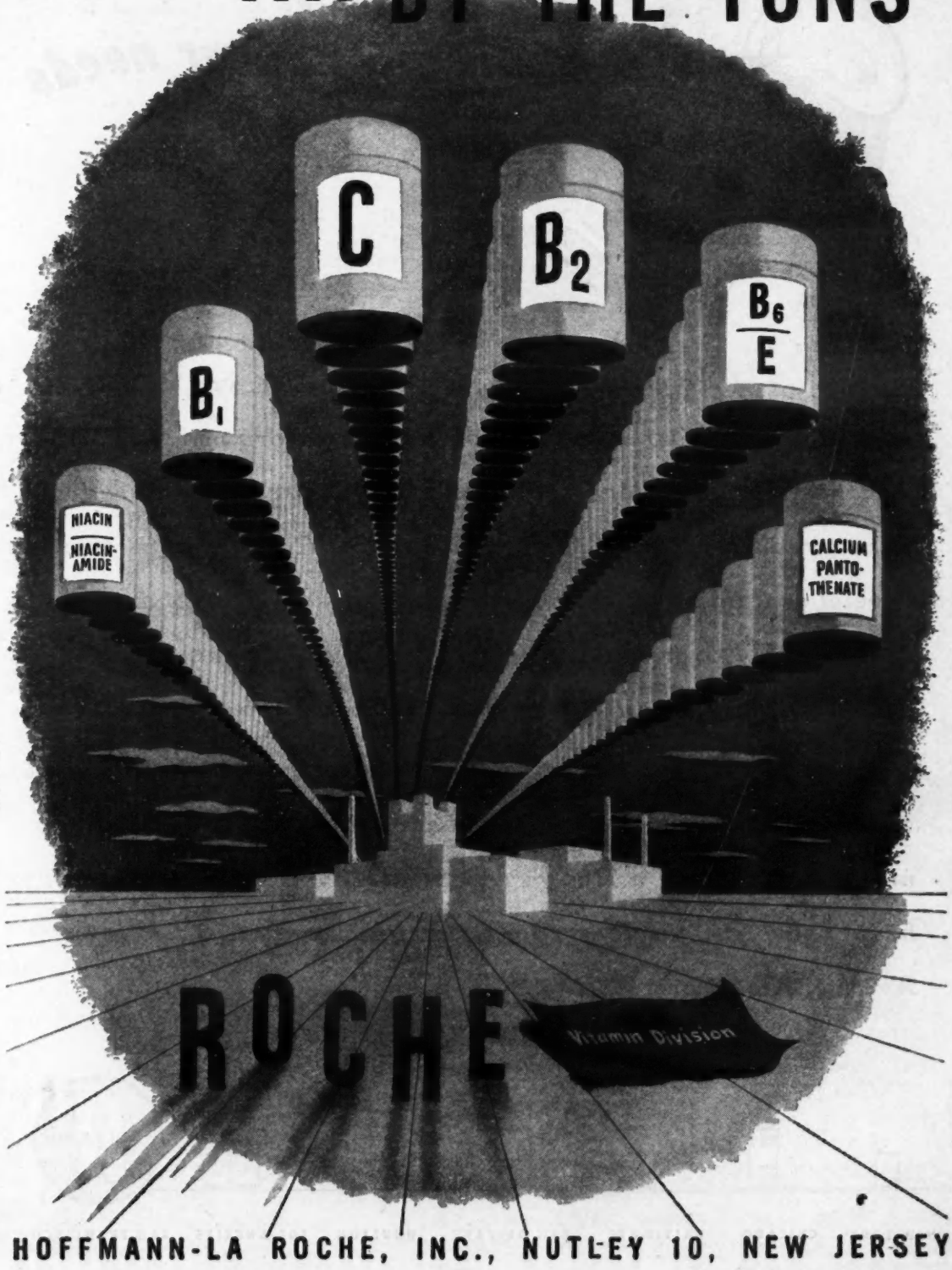
Xanthorrhiza, bls. .....lb. .28 - .30
Xylene (see Xylol).
Xylidin, mixed, dms.....lb. .35 - .36
Xylol (xylene), coaltar, indus., ret. dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld..gal. .28 - —
West Minnequa, Colo..gal. .26 - —
10°, ret. dms., works.....gal. .34 - —
tanks, E. of Omaha, frt. alld. gal. .29 - —
5°, ret. dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
3°, ret. dms., works.....gal. .47 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
Petroleum, 10°, tanks, f.o.b. refinery, Baytown, Tex..gal. .19 - —
Bayonne, N. J.....gal. .20 - —
Buffalo, N. Y. and Detroit, Mich..gal. .27 - —

Y

Yara yara, cryst., bots., cns..lb. 1.75 - 1.90
(east, brewer's dry, 50 B units. dms..lb. .45 - —
90 B units, dms.....lb. .45 - —
200 B units, dms.....lb. .50 - —
800 B units, dms.....lb. .60 - —
Yellow, barium chromate, CP, bgs., l.c.l., dlvd. N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul..lb. .22 - —
Barium chromate yellow price differentials in other State and city zones are those for chrome yellow below.
Benzidin, bbls., dlvd.....lb. 1.85 - 2.25

SUPERIOR QUALITY VITAMINS

---- BY THE TONS



HOFFMANN-LA ROCHE, INC., NUTLEY 10, NEW JERSEY

Yellow, cadmium, CP, bgs.	lb.	1.35 - 1.40
ton lots, E. of Rockies	lb.	.56 - —
smaller lots, same basis,	lb.	.65 - —
sulphide, orange, cs., kgs., works	lb.	1.10 Nom.
Chrome, GP, bbls., dlvd. N. Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts	lb.	.17 - —
Chrome, CP, bbls., dlvd. N. Ala., Fla., Ga., La. (Shreveport), 1½c., Miss., N. C., S. C., Tenn., Dallas, Tex., 1¾c.; Ft. Worth, Tex., 1¾c.; El Paso, Tex., 2c.; Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.		
Dutch, pink, bbls.	lb.	.09 - .11
Hansa, bbls., same basis as chrome	lb.	1.27 - —
primrose, bbls., same basis	lb.	1.75 - —
Iron oxide, nat., bbls., c.l., Bethlehem, Easton, Pa.	lb.	.04½- —
l.c.l., same basis	lb.	.05 - —
synthetic, bbls., c.l., works	lb.	.0685- —
l.c.l., works	lb.	.0710- —
Mercury oxide, bbls., 1,000 lbs.	lb.	2.42 - —
smaller lots	lb.	2.45 - —
Ocher, American, golden, bbls., works	lb.	.04½- .06¼
yellow, bbls., works	lb.	.02 - .02½
French type, bbls., c.l.	lb.	.0645- —
l.c.l.	lb.	.0665- —
Persian orange (see O).		
Zinc, bbls., same basis as chrome	lb.	.16 - —
Navy spec. type, bbls., contract	lb.	.16 - —
Yellow dock root, bls.	lb.	.35 - .38
Yellow xanthorrhiza (see Xanthorrhiza).		
Yerba santa leaves, bls.	lb.	.20 - .22
Yohimbine hydrochloride, vls.	oz.	3.25 - 4.00

Z

Zein, bgs., works	lb.	.31 - —
Zinc acetate, tech., bbls., dlvd.	lb.	.16 - .17
USP, bbls.	lb.	.26 - .27
kgs.	lb.	.29 - —
Arsenite,[1] bgs., c.l., frt. alld. E. of Rockies	lb.	.11¾- .12¼
l.c.l., same basis	lb.	.12¼- .13¼
Borate, bgs., c.l.	lb.	.12 - —
Carbonate, tech., rubber-makers' grade, bbls., works	lb.	.09¾- .10¾
USP, precip., powd., bbls.	lb.	.25 - —
dms.	lb.	.40 - —
kgs.	lb.	.27 - —
Chloride, tech., fused, dms., c.l., works, 100 lbs.		5.00 - —
l.c.l., works, 100 lbs.		5.35 - —
gran., dms., c.l., works, 100 lbs.		5.75 - —
l.c.l., works, 100 lbs.		6.50 - —
solution, 50%, dms., c.l., works	lb.	.0315- —
l.c.l., works	lb.	.04½- .04½
tanks, works	lb.	.0350- —
USP, dms.	lb.	.20 - .21
jars	lb.	.25 - .30
Chromate (see Yellow, zinc).		
Cyanide, kgs., works	lb.	.33 - .37
Dust,[2] bbls., c.l., dlvd.	lb.	.1025- —
l.c.l., works	lb.	.1125- —
Fluoride, bbls.	lb.	.25 - .30
Hydrosulphite, dms., works	lb.	.16 - —
Iodide, NF, bots.	lb.	4.00 - 4.25
jars	lb.	4.40 - —
Zinc laurate, bbls.	lb.	.32 - .33
Metal,[1] (quotations in Protective Coatings market).		
Naphthenate, 8%-10% Zn, dms.	lb.	.16 - .19½
Oxide, pigment, dom., acicular, bgs., c.l., dlvd.	lb.	.08½- —
l.c.l., dlvd.	lb.	.09¾- —
American process, com'l, lead-free, bgs., c.l., dlvd.	lb.	.08½- —
l.c.l., dlvd.	lb.	.09¾- —
leaded, 5%, bgs., c.l., dlvd.	lb.	.08¾- —
l.c.l., dlvd.	lb.	.09 - —
leaded, 35% or more, bgs., c.l., dlvd.	lb.	.09½- —
l.c.l., dlvd.	lb.	.09¾- —
leaded, 50%, bgs., c.l., dlvd.	lb.	.09¾- —
l.c.l.	lb.	.09¾- —
French process, com'l, lead-free, bgs., c.l., dlvd.	lb.	.08½- —
l.c.l., dlvd.	lb.	.09¾- —
green seal, bgs., c.l., dlvd.	lb.	.10¼- —
l.c.l., dlvd.	lb.	.10½- —
white seal, bgs., c.l., dlvd.	lb.	.10¾- —
l.c.l., dlvd.	lb.	.11 - —
red seal, bgs., c.l., dlvd.	lb.	.10¾- —
l.c.l.	lb.	.11 - —
USP, ctns., c.l.	lb.	.11¾- —
l.c.l.	lb.	.12 - —
Zinc oxide Pac. Coast prices ½c. higher bbl. prices ½c. higher than bgs.		
Resinate, fused, 1% Zn, lump, precipitated, 5.40% to 9% Zn, powd., dms.	lb.	.14½- .15
Silicofluoride, bbls.	lb.	.15 - .19
Zinc stearate, tech., ctns., 2,000 lbs. to c.l.	lb.	.33- —
smaller lots, same basis	lb.	.34½- —
USP (same prices as tech.).		
Sulphate, cryst., bgs., c.l., works, frt. alld.	100 lbs.	3.40 - —
l.c.l., same basis	100 lbs.	4.15 - —
flake, bgs., c.l., same basis,	100 lbs.	3.80 - —
l.c.l., same basis	100 lbs.	4.55 - —
powd., bgs., c.l., same basis,	100 lbs.	5.95 - —
l.c.l., same basis	100 lbs.	6.10 - —
Zinc sulphate, in bbls., 25c. higher.		
Sulphide,[1] pure, bgs., c.l., dlvd.	lb.	.08¾- —
l.c.l., dlvd.	lb.	.09½- —
bbls., c.l., dlvd.	lb.	.09½- —
l.c.l., dlvd.	lb.	.09¾- —
Barium pigment,[1] bgs., c.l., dlvd.	lb.	.0550- —
l.c.l., dlvd.	lb.	.0625- —
Calcium pigment,[1] bgs., c.l., dlvd.	lb.	.0500- —
l.c.l., dlvd.	lb.	.0625- —
Fluorescent pigment,[1] works, frt. alld.	lb.	.90 - 1.00
Magnesium pigment,[1] bgs., c.l., dlvd.	lb.	.05¾- —
l.c.l., dlvd.	lb.	.06 - —
Zinc sulphide and pigments, Pac. coast prices ½c. higher; bbl. prices ½c. higher than bgs.		
Sulphocarbolate, NF, bbls., dms.	lb.	.28 - .30
Tallate, 9% Zn, dms.	lb.	.09¾- —
Yellow (see Yellow, zinc).		
Zinc-ammonia chloride, dms., c.l., works, 100 lbs.		5.65 - —
l.c.l., works, 100 lbs.		6.70 - —
Zinc-cadmium sulphide, fluorescent, cns., works, frt. alld.	lb.	2.00 - 2.50
Zinc-iron oxide pigment, bgs., c.l., dlvd.	lb.	.09 - —
l.c.l., dlvd. E. of Rockies,	lb.	.06½- —
Pac. est.	lb.	.06½- —
ex whse., Pac. est.	lb.	.07 - —
Zirconium acetate, solut., bbls., works	lb.	.25½- —
Hydride, cns., works	lb.	7.00 - 8.00
Nitrate, bgs., works	lb.	3.00 - 4.00
Oxide, 88%, grd., bbls., c.l., works	lb.	.22½- —
l.c.l.	lb.	.23½- —
white, 98½-99%, grd., kgs., works	lb.	.30 - —
milled, electric, fused, 2,000-9,999 lbs., works	lb.	.40 - —
500 lbs. and less, same basis	lb.	.40 - —
Oxychloride, crust., bbls., 5 tons, works	lb.	.29½- —
Sulphate, basic, cake, bbls., c.l., works	lb.	.18 - —
l.c.l., works	lb.	.18½- .20
smaller lots, works	lb.	.20 - .21½

Synthetic Resins and other Branded Paint Materials (Manufacturers' List Prices)

A

Abalyn (see methyl abetate in Current Market Quotations).		
Acryloid, acrylic ester type, A-10 (30% in cellosolve acetate), bbls., c.l.	lb.	.36 - —
10 dms.—1 to 9 dms.	lb.	.37 - .38
B-7 (20% in ethylene dichloride), bbls., c.l.	lb.	.32 - —
10 dms.—1 to 9 dms.	lb.	.33 - .34
B-72, B-73 (40% in toluol), bbls., c.l.	lb.	.42 - —
10 dms.—1 to 9 dms.	lb.	.43 - .44
C-10 (30% in ethyl acetate), bbls., c.l.	lb.	.36 - —
10 dms.—1 to 9 dms.	lb.	.39 - .40
F-10 (40% in mineral thinner and No. 3 solvent), bbls., c.l.	lb.	.42 - —
10 dms.—1 to 9 dms.	lb.	.43 - .44
SF-100 (100% in solids), dms., c.l.	lb.	.60 - —
10 dms.—1 to 9 dms.	lb.	.61 - .62
Acrysol, C-9, dms. (40% in water), 10 dm., 1-9-dm. lots	lb.	.38 - .38½
ER, MR, dms. (50% in water), c.l.	lb.	.42 - —
10 dms., 1-9-dm. lots	lb.	.43 - .44
WA-5, dms. (40% in water), 10 dms., 1-9-dm. lots	lb.	.42½- .43

Acryloid and Acrysol prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district 1, comprising any point in the United States except in the States of Arizona, California, Colorado, Idaho, Montana, New Mexico, Nevada, Oregon, Texas, Utah, Washington and Wyoming.

Amberlac B-94 (85% in xylol), bbls., c.l.	lb.	.23 - —
l.c.l.	lb.	.23½- —
D-96, bbls., c.l.	lb.	.23 - —
80-X, bbls., c.l.	lb.	.19 - —
l.c.l.	lb.	.19½- —
80-MT, bbls., c.l.	lb.	.16½- —
l.c.l.	lb.	.17 - —
81-B, bbls., c.l.	lb.	.18½- —
l.c.l.	lb.	.19 - —
Amberol, phenol formaldehyde type, F-7, light, bbls., c.l.	lb.	.17½- —
l.c.l.	lb.	.18 - —
extra light, bbls., c.l.	lb.	.17½- —
l.c.l.	lb.	.18½- —
dark, bbls., c.l.	lb.	.17½- —
l.c.l.	lb.	.17½- —
F-71, bbls., c.l.	lb.	.17½- —
l.c.l.	lb.	.18 - —
F-77, bbls., c.l.	lb.	.19 - —
l.c.l.	lb.	.19½- —
K-12-A, bbls., c.l.	lb.	.18 - —
l.c.l.	lb.	.18½- —
B/S-I, light, bbls., c.l.	lb.	.16 - —
l.c.l.	lb.	.16½- —
extra light, bbls., c.l.	lb.	.16½- —
l.c.l.	lb.	.17 - —
M-82, bbls., c.l.	lb.	.15½- —
l.c.l.	lb.	.16½- —
M-88, bbls., c.l.	lb.	.18 - —
l.c.l.	lb.	.18½- —
M-93, bbls., c.l.	lb.	.19 - —
l.c.l.	lb.	.19½- —
226, bbls., c.l.	lb.	.22½- —
l.c.l.	lb.	.23 - —
ST-137, bbls., c.l.	lb.	.33 - —
l.c.l.	lb.	.33½- —

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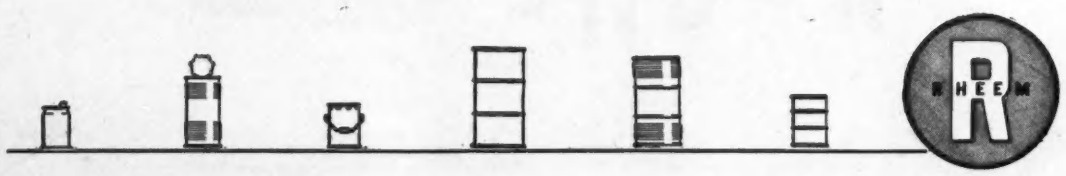

NEW YORK CHICAGO BALTIMORE NEW ORLEANS HOUSTON LOS ANGELES SAN FRANCISCO

Amberol, 137 X, bbls., c.l..lb.	.32 -	—
maleic type, 800, extra light and light, bbls., c.l..lb.	.16½-	—
l.c.l. .....lb.	.17 -	—
801, extra light and light, bbls., c.l..lb.	.17½-	—
l.c.l. .....lb.	.18 -	—
801-P, bbls., c.l.....lb.	.16¼-	—
l.c.l. .....lb.	.16⅝-	—
806-P, bbls., c.l.....lb.	.16⅝-	—
l.c.l. .....lb.	.17¼-	—
808, bbls., c.l.....lb.	.18 -	—
l.c.l. .....lb.	.18½-	—
820, bbls., c.l.....lb.	.19½-	—
l.c.l. .....lb.	.20 -	—
926, bbls., c.l.....lb.	.15½-	—
l.c.l. .....lb.	.16 -	—
950, bbls., c.l.....lb.	.28 -	—
l.c.l. .....lb.	.28½-	—
B-94 (85% in xylol), bbls., c.l. lb.	.23 -	—
l.c.l. .....lb.	.23½-	—
D-96, bbls., c.l.....lb.	.24½-	—
l.c.l. .....lb.	.25 -	—

Amberlac and Amberol prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district 1, comprising any point in the United States except in the States of Arizona, California, Colorado, Idaho, Montana, New Mexico, Nevada, Oregon, Texas, Utah, Washington and Wyoming.

Aquaplex (resin emulsion type), S-5, bbls., c.l..lb.	.14 -	—
l.c.l. .....lb.	.14½-	—
AM-92, bbls., c.l.....lb.	.14¼-	—
l.c.l. .....lb.	.14½-	—
Aroclors, distilled, dms., c.l., works..lb.	.18 -	—
ton lots, works.....lb.	.18½-	—
single dms., works.....lb.	.19 -	—
undistilled, dms., c.l., works..lb.	.15½-	—
ton lots, works.....lb.	.16 -	—
single dms., works.....lb.	.16½-	—

B

Bakelite, phenolic resins, rosin reactive, XR-15775, non-ret. dms., ton, works..lb.	.33½-	—
single dm. and less..lb.	.34 -	.35½
XR-15778, non-ret. dms., ton, works..lb.	.50 -	—
single dm. and less, works..lb.	.50½-	.53
C-9 resins, liquid types, oil modified, BR-14590, non-ret. dms., ton, works..lb.	.26 -	—
single dm. and less..lb.	.26½-	.29
XR-15780, not-ret. dms., ton, works..lb.	.34 -	—
single dm. and less..lb.	.34½-	.37
BR-16640, non-ret. dms., ton, works..lb.	.34 -	—
single dm. and less.....lb.	.34½-	.37
100% paraphenyl phenol resin, pale, non-heat hardening, BR-254, non-ret. bbls., ton, works..lb.	.36 -	—
single dm. and less, works..lb.	.36½-	.39
100% phenolic, pale, non-heat hardening, BR-9432, non-ret. bbls., works..lb.	.28 -	—
single dm. and less, works..lb.	.28½-	.31
BR-4036, non-ret. bbls., ton, works..lb.	.37 -	—
single dm. and less, works..lb.	.37½-	.40
BR-17700, non-ret. bbls., ton, works..lb.	.32½-	—
single dm. and less..lb.	.33 -	.35½
dark, non-heat hardening, BR-1329, non-ret. bbls., ton, works..lb.	.29 -	—
single dm. and less, works..lb.	.29½-	.32
BR-9484, non-ret. bbls., ton, works..lb.	.25½-	—
works..lb.	.29 -	—
single dm. and less, works..lb.	.26 -	.28½
BR-9476, non-ret. bbls., ton, single dm. and less, works..lb.	.29½-	.32
pale, heat-hardening, BR-3360, non-ret. bbls., ton..lb.	.36 -	—
single dm. and less, works..lb.	.36½-	.39
BR-10282, non-ret. bbls., ton, works..lb.	.32 -	—
single dm. and less, works..lb.	.32½-	.35
BR-14684, non-ret. bbls., ton, works..lb.	.36 -	—
single dm. and less, works..lb.	.30 -	—
C-9 resins, solid types, BR-13202, non-ret. bbls., ton, works. lb.	.15 -	—
single dm. and less..lb.	.15½-	.18
BR-18260, non-ret. bbls., ton, works..lb.	.37 -	—
single dm. and less..lb.	.37½-	.40
oil modified, BR-302, non-ret. dms., ton, works..lb.	.346 -	—
single drum and less, works..lb.	.351 -	.376
BR-2175 (MTO), non-ret. kegs, ton, works..lb.	.38 -	—
single dm. and less, works..lb.	.38½-	.41
resin-baking types, BV-1600, ret. dms., ton, works..lb.	.30 -	—
single dm. and less, works..lb.	.30½-	.33
BV-3966 (MTO), non-ret. dms., ton, works..lb.	.20 -	—
single dm. and less, works..lb.	.20½-	.38
BV-10673, ret. dms., ton, works..lb.	.35 -	—
single dm. and less, works..lb.	.35½-	.38
BV-16607 (MTO), non-ret. dms., ton, works..lb.	.212 -	—
single dm. and less, works..lb.	.217 -	.242
dispersion resins, phenolic, BK-3902X, non-ret. dms., ton, works..lb.	.2770-	—
single dm. and less..lb.	.2820-	.3070
BK-16700,, non-ret. dms., ton, works..lb.	.27 -	—
single dm. and less..lb.	.27½-	.30
non-phenolic, BK-16624, non-ret. dms., ton, works...lb.	.22½-	—
single dm. and less..lb.	.23 -	.25½
resin modified, BR-2072, non-ret. single dm. and less, works..lb.	.23½-	.26
phenolic lacquer resins and solutions, XR-3189, non-ret. dms., ten, works..lb.	.45 -	—
XR-4857, non-ret. dms., ton, works..lb.	.45 -	—
single dm. and less, works..lb.	.45½-	.48
BR-9367, non-ret. bbls., ton, works..lb.	.19 -	—
single dm. and less..lb.	.19½-	.22

Bakelite, phenolic resin, modified, XJ-10483, ret. dms., ton, works..lb.	.37 -	—
single dm. and less..lb.	.37½-	.40
BJ-15408, ret. dms., ton, works..lb.	.24 -	—
single dm. and less..lb.	.24½-	.27
C-9, lacquer types, XJ-16580, ret. dms., ton..lb.	.26 -	—
single dm. and less..lb.	.26½-	.29
XR-15840, non-ret. dms., ton, works..lb.	.34 -	—
single dm. and less..lb.	.34½-	.37

Bakelite prices are f.o.b. manufacturer's plant or warehouse; minimum transportation charges prepaid on units of standard drums or over to destination in United States except as follows:—add 1c. per pound for delivery to Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming.

Made-to-order materials marked (MTO) are those whoch are not stock materials (not stocked because of changes that occur in physical properties when stored for any length of time) and which therefore have to be manufactured upon receipt of orders and allocation of raw materials.

Beckacite, 1100, M-K, dms., c.l.lb.	.18½-	—
l.c.l., same basis.....lb.	.18¾-	.19¼
1101, N-M, dms., c.l.....lb.	.16½-	—
l.c.l., same basis.....lb.	.17 -	.17½
1102, M-K, dms., c.l.....lb.	.17¼-	—
l.c.l., same basis.....lb.	.17⅝-	.18¼
1106, H-G, dms., c.l.....lb.	.17⅝-	—
l.c.l., same basis.....lb.	.18¼-	.18⅝
1112, WG-N, dms., c.l.....lb.	.18 -	—
l.c.l., same basis.....lb.	.18½-	.19
1113 WG-N, dms., c.l.....lb.	.16⅜-	—
l.c.l., same basis.....lb.	.17¼-	.17⅝
1116, K-1, dms., c.l., same basis. lb.	.18⅜-	—
l.c.l., same basis.....lb.	.19¼-	.19⅝
Beckacite, 1123, dms., c.l....lb.	.18¾-	—
l.c.l., same basis.....lb.	.19¼-	.19⅝
1125, dms., c.l., same basis. lb.	.18¾-	—
l.c.l., same basis.....lb.	.19¼-	.19⅝
Beckamine, P-138, works, dms., c.l..lb.	.29 -	—
l.c.l., same basis.....lb.	.29½-	.30
P-196, dms., c.l. .....lb.	.29½-	—
l.c.l.. same basis.....lb.	.30 -	.30½
P-198, accelerator, works, dms., c.l..lb.	.28¼-	—
l.c.l., same basis.....lb.	.28⅝-	.29¼
P-854, works, dms., c.l.....lb.	.29 -	—
l.c.l., same basis.....lb.	.29½-	.30
Beckopol, 1400, M-K, dms., c.l.lb.	.19¼-	—
l.c.l., same basis.....lb.	.20 -	.20½
Beckosol, solid, No. 18, 4-5 (80% M.S.), dms., c.l..lb.	.26 -	—
l.c.l., same basis.....lb.	.27 -	.28
No. 24, 3-4L (80% toluol), dms., c.l..lb.	.85½-	—
l.c.l., same basis.....lb.	.86½-	.87½

C

Cumar resin, AX, non-ret. dms., net weight..lb.	.06¼-	—
BX, net weight.....lb.	.06½-	—
CX, gross weight.....lb.	.05⅝-	—
DX, gross weight.....lb.	.05½-	—
EX, gross weight.....lb.	.05½-	—
FX, gross weight.....lb.	.05⅝-	—
MH, col. 1.....lb.	.11⅜-	—
1½-2 .....lb.	.10⅜-	—
2½-3½ .....lb.	.09⅜-	—
9 .....lb.	.06½-	—
MS .....lb.	.10⅜-	—
P, 10°-30° C., col. 2½ and darker..lb.	.10⅜-	—
RH .....lb.	.10⅜-	—
RS .....lb.	.10⅜-	—
V col. ½.....lb.	.12⅜-	—
1 .....lb.	.11⅜-	—
1½-2 .....lb.	.10⅜-	—
2½ and darker.....lb.	.09⅜-	—
Cumar resin, W col. ½.....lb.	.13½-	—
1 .....lb.	.12½-	—
1½-2 .....lb.	.11½-	—
2½ and darker.....lb.	.10½-	—

All "P" grades with melting point below 50 degrees C., and grades AX and BX are shipped in steel drums. Grades CX, DX, EX and FX are sold on a gross weight basis. All other grades are sold on a net weight basis and are shipped in destructible fiber and metal drums, but their packaging is subject to change without notice. Prices are based on f.o.b. plant at Frankfort, Pa., freight equalized with Pittsburgh, with no revisions for shipments made in fiber containers.

D

Dow Resin 276 V-2 and V-9, 55-gal. drums, c.l., works, lb.	.24 -	—
l.c.l., same basis.....lb.	.24½-	—
5 and 10-gal. drums, same basis..lb.	.30 -	—
DC-804, dms., 50 gals., works.lb.	18.65 -	—
30 gals., same basis...lb.	18.65 -	—
10 gals., same basis...lb.	19.40	-19.70
Duraplex (Alkyd type), A-27 (60% in xylol), bbls., c.l.lb.	.20 -	—
l.c.l. .....lb.	.20½-	—
A-29 (60% in xylol), bbls., c.l..lb.	.21 -	—
l.c.l. .....lb.	.21½-	—
C-45HV (60% in mineral thinner)..lb.	.17 -	—
l.c.l. .....lb.	.17½-	—
C-45HV (100% solids), bbls., c.l..lb.	.27 -	—
l.c.l. .....lb.	.27⅝-	—
C-45 LV (100% solids), bbls., c.l..lb.	.24½-	—
l.c.l. .....lb.	.25¼-	—
C-49 (60% in mineral thinner), bbls., c.l..lb.	.19 -	—
l.c.l. .....lb.	.19½-	—
100% solids, bbls., c.l..lb.	.29½-	—
l.c.l. .....lb.	.30¼-	—

4 VERSATILE VARNISH RESINS... Back on the job!

In the past months, many varnish-makers have "rediscovered" these four veteran varnish resins. Immediately available in any desired quantity, they can be used with a wide range of oils to produce tough, durable varnish, enamel, or paint films. Write or phone U. S. Industrial Chemicals, Inc., for samples and specifications.

AROCHEM 335

This modified phenolic resin works equally well with most oils in rubbing varnishes, implement, and machinery finishes, structural primers, etc. AROCHEM 335 kettles easily, has good solubility and promotes rapid bodying and hardening. Use where minimum after-yellowing is important.

AROCHEM 365

Good chemical resistance and low cost characterize this modified phenolic resin, widely used in floor varnishes, colored utility enamels, chassis enamels, etc. AROCHEM 365 offers high gloss and alkali resistance, short tack-free time, and good overnight hardness.

AROCHEM 603

Developed for good performance with the "soft" oils, AROCHEM 603 is a non-phenolic resin which yields fast-drying vehicles and films with good color retention. Especially adaptable for "white" formulations. Varnishes made with it body very fast. Recommended for porch and deck paints, quick-drying enamels, tin decorating finishes, etc.

AROCHEM 607

Similar to AROCHEM 603, but higher in synthetic condensate content, this resin also has a higher melting point and will consequently body and dry faster. Color retention and durability are further improved.

U.S. INDUSTRIAL CHEMICALS, INC.
60 East 42nd Street, New York 17, N. Y.

Durapiex, D 65 (70% in mineral thinner), bbls., c.l...lb. .22 - —
l.c.l. ....lb. .22½- —
E-71 (100% solids), bbls., c.l. lb. .24½- —
l.c.l. ....lb. .25½- —
E-73 (100% solids), bbls., c.l. lb. .24½- —
l.c.l. ....lb. .25½- —
MD-77-B (60% in xylol), bbls., c.l...lb. .19½- —
l.c.l. ....lb. .20 - —
AL-210 (100% solids), bbls., c.l...lb. .19 - —
l.c.l. ....lb. .19½- —

Durapiex prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district 1, comprising any point in the United States except in the States of Arizona, California, Colorado, Idaho, Montana, New Mexico, Nevada, Oregon, Texas, Utah, Washington and Wyoming.

Durite, 1301, pale, one drum and over..lb. .20 - —
smaller lots....lb. .30 - —

Durite prices are f.o.b. Phila., Pa., with freight allowed east of Rocky Mts.

E

Esterol, Group "A," A (E.S. 2) non-ret. dms., c.l., works, frt. alld. in U. S. except Ariz., Calif., Colo., Ida., Mont., Nev., N. M., Tex., Utah, Wash., Wyo..lb. .15½- —
l.c.l. ....lb. .16 - —
B (E.S. 161), 11 (E.S. 201), c.l., same basis..lb. .16 - —
l.c.l. ....lb. .16½- —
22 (E.S. 202), c.l., same basis. lb. .13 - —
l.c.l. ....lb. .13½- —
lb. .11 - —
25 (E.S. 246), c.l., same basis. l.c.l. ....lb. .11 - —
33 (E.S. 203), c.l., same basis. lb. .15½- —
l.c.l. ....lb. .16 - —
542 (E.S. 19), c.l., same basis. lb. .16½- —
l.c.l. ....lb. .17 - —
660 (E.S. 56), c.l., same basis, lb. .15 - —
l.c.l. ....lb. .15½- —
730 (E.S. 94), c.l., same basis. lb. .13 - —
l.c.l. ....lb. .13½- —
1800 (E.S. 33), 2165 (E.S. 60), c.l., same basis..lb. .15 - —
l.c.l. ....lb. .15½- —
3000 (E.S. 72), c.l., same basis. lb. .18 - —
l.c.l. ....lb. .18½- —
Group "B," B (E.S. 5), c.l., same basis..lb. .15 - —
l.c.l. ....lb. .15½- —
H-1 (E.S. 99), c.l., same basis. lb. .19 - —
l.c.l. ....lb. .19½- —
1-L (E.S. 14), c.l., same basis. lb. .16½- —
l.c.l. ....lb. .17 - —
F-V (E.S. 42), 800 (E.S. 207), c.l., same basis..lb. .16½- —
l.c.l. ....lb. .17½- —
2002 (E.S. 282), c.l., same basis..lb. .12 - —
l.c.l. ....lb. .12½- —
2165 (E.S. 60), c.l....lb. .15 - —
l.c.l. ....lb. .15½- —
2196 (E.S. 250), c.l., same basis..lb. .16 - —
l.c.l. ....lb. .16½- —

Esterol, Group B, 2633 (E.S. 69), c.l., same basis..lb. .14½- —
l.c.l. ....lb. .15 - —
4040 (E.S. 230), c.l....lb. .15½- —
l.c.l. ....lb. .16 - —

Group "A" are standard production items normally carried in the manufacturer's inventory. Group "B" are not always so carried.

Ethocel, etns. (50-lb.), 5,000 lbs. or more, frt. alld. 100 lbs. up, works..lb. .50 - —
under 5,000 lbs., same basis.. lb. .52 - —
under 50 lbs., same basis..lb. .60 - —

F

Flexalyn, solid, non-ret., black iron dms., c.l., f.o.b. cars, destination, zone 1. lb. .14½- —
10 dms., same basis....lb. .15½- —
1-9 dms., same basis..lb. .16⅝- —
C, non-ret., black iron dms., c.l., f.o.b. cars, destination, zone 1..lb. .1380- —
10 dms., same basis....lb. .1455- —
1-9 dms., same basis...lb. .1605- —
solution, non-ret. dms., c.l., f.o.b. cars, destination, zone 1..lb. .1370- —
10 dms., same basis....lb. .1445- —
1-9 dms., same basis...lb. .1595- —
C, non-ret. dms., c.l., f.o.b. cars, destination, zone 1. lb. .13 - —
10 dms., same basis....lb. .13⅝- —
1-9 dms., same basis...lb. .15¼- —
FCD 501, 100%, non-ret. dms., c.l., works, frt. alld. Zone 1. lb. .24½- —
l.c.l. ....lb. .25½- —
515-X, 70%, c.l., same basis..lb. .22 - —
l.c.l. ....lb. .22½- —
515, 70%, c.l., same basis....lb. .18 - —
l.c.l. ....lb. .18½- —
515, 100%, c.l., same basis..lb. .25 - —
l.c.l. ....lb. .25⅝- —
517, 60%, c.l., same basis...lb. .16½- —
l.c.l. ....lb. .17 - —
521, 50%, c.l., same basis....lb. .13¾- —
l.c.l. ....lb. .14¼- —
521 LV, c.l., same basis....lb. .13¾- —
l.c.l., same basis....lb. .14¼- —
525, 50%, c.l., same basis....lb. .13¾- —
l.c.l. ....lb. .14¼- —
525 LV, 60%, c.l., same basis. lb. .16½- —
l.c.l., same basis....lb. .16⅝- —
527, 70%, c.l., same basis....lb. .18 - —
l.c.l. ....lb. .18½- —
527, 100%, c.l., same basis.lb. .25 - —
l.c.l. ....lb. .25⅝- —
528, 70%, c.l., same basis...lb. .16⅝- —
l.c.l. ....lb. .17½- —
535, 50%, c.l., same basis....lb. .15 - —
l.c.l. ....lb. .15½- —
538, 50%, c.l., same basis...lb. .15⅝- —
l.c.l. ....lb. .16½- —
545, 50%, c.l., same basis...lb. .15½- —
l.c.l. ....lb. .16 - —
555, 50%, c.l., same basis, lb. .15½- —
l.c.l. ....lb. .15⅝- —
565, 60%, c.l., same basis..lb. .16 - —
l.c.l. ....lb. .18½- —
573, 50%, c.l., same basis..lb. .11½- —
l.c.l. ....lb. .12 - —
maleic, 3-V, non-ret. dms., c.l., works, frt. alld. zone 1..lb. .15 - —
l.c.l. ....lb. .15½- —
4, c.l., same basis....lb. .17⅛- —
l.c.l. ....lb. .17⅝- —

FCD, maleic, 4-V, c.l., same basis..lb. .18 - —
l.c.l. ....lb. .18½- —
5-V, c.l., same basis....lb. .18 - —
l.c.l. ....lb. .18½- —
6-V, c.l., same basis....lb. .17½- —
l.c.l. ....lb. .18 - —
7-V, c.l., same basis....lb. .18 - —
l.c.l. ....lb. .18½- —
16, c.l., same basis....lb. .19½- —
l.c.l. ....lb. .20 - —
phenolic, 101, non-ret. dms., c.l., works, frt. alld. Zone 1..lb. .32 - —
l.c.l. ....lb. .32½- —
102, c.l., same basis....lb. .31 - —
l.c.l. ....lb. .31½- —
modified phenolic, 122, non-ret. dms., c.l., works, frt. alld. Zone 1..lb. .17 - —
l.c.l. ....lb. .17½- —
140, c.l., same basis....lb. .17½- —
l.c.l. ....lb. .18 - —
142, c.l., same basis....lb. .16 - —
l.c.l. ....lb. .16½- —
144, c.l., same basis....lb. .17½- —
l.c.l. ....lb. .18 - —
157, c.l., same basis....lb. .18 - —
l.c.l. ....lb. .18½- —
162, c.l., same basis....lb. .17½- —
l.c.l., same basis....lb. .18 - —
165, c.l., works....lb. .18 - —
l.c.l., same basis....lb. .18½- —
synthetic copal, 500, non-ret. dms., c.l., frt. alld. Zone 1..lb. .17 - —
l.c.l. ....lb. .17½- —

G

G, resin, dms., gross weight, works..lb. .08 - —

Geon polyvinyl resins, Nos. 101 and 102, 30,000 lbs., works lb. .33 - —
5,000 to 29,999 lbs., same basis..lb. .34 - —
200 to 4,999 lbs., same basis. lb. .36 - —
up to 199 lbs., same basis. lb. .50 - —
202, 30,000 lbs., works....lb. .36 - —
5,000 to 29,999 lbs., same basis..lb. .37 - —
200 to 4,999 lbs., same basis. lb. .39 - —
up to 199 lbs., same basis..lb. .56 - —
203, 30,000 lbs., works....lb. .38 - —
203, 5,000 to 29,999 lbs., same basis....lb. .39 - —
200 to 4,999 lbs., same basis. lb. .41 - —
up to 199 lbs., same basis.lb. .58 - —
Guai-a-phene, non-ret. dms., dms. incl., works, 50-55 gals. gal. 2.50 - —
10 gals., two fives, per case, works..gal. 2.57 - —
5 gals., one can per case, works..gal. 2.62 - —
6 gals., six ones in single case, works..gal. 2.72 - —
1 gal., in single carton, works..gal. 2.82 - —

H

Hercolyn (see methyl abietate hydrogenated) in Current Market Quotations.
Hydrogum, P-190, dms., c.l...lb. .14½- —
l.c.l. ....lb. .15 - .15¼

J

Jesitc (see zinc-iron oxide pigment in regular list above).

K

Kopol, 500, estered, D-B, c.l..lb. .22½- —
l.c.l. ....lb. .23 - .23¼
501, fused, c.l....lb. .20½- —
l.c.l. ....lb. .21 - .21¼

L

Lewisol resin, 2 L, non-returnable light-gauge steel dms., c.l., f.o.b. cars, destination, zone 1..lb. .1780- —
l.c.l., 10 dms., same basis. lb. .1830- —
1-9 dms., same basis...lb. .1880- —
20, non-returnable, light-gauge steel dms., c.l., f.o.b. cars, destination, zone 1..lb. .1850- —
l.c.l., 10 dms., same basis. lb. .1900- —
1-9 dms., same basis...lb. .1950- —
destination, zone 1..lb. .1785- —
28, non-returnable light gauge steel dms., c.l., f.o.b. cars, destination zone 1..lb. .17¼- —
l.c.l., 10 dms., same basis. lb. .1835- —
1-9 dms., same basis...lb. .1885- —
33, c.l., same basis....lb. .1960- —
l.c.l., 10 dms., same basis. lb. .2010- —
1-9 dms., same basis....lb. .2060- —

Lewisol resin prices are f.o.b. cars, New Eng. and Middle Atlantic States, Va., W.Va., N.C., Ky., O., Mich., Ind., Ill., Wis. St. Paul and Minneapolis, Minn.; St. Louis, Mo. Prices are dms. included, not returnable: net 30 days.

M

Metronite pigment, 120 and 180 mesh, containers included, c.l., f.o.b. Milwaukee.. ton.12.00 - —
l.c.l., same basis....ton.14.00 - —
250 mesh, containers included, c.l., same basis..ton.16.00 - —
l.c.l., same basis....ton.18.00 - —
325 mesh, containers included, c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.22.00 - —
400 mesh, containers included, c.l., same basis..ton.27.50 - —
l.c.l., same basis....ton.33.00 - —**

N

Neo-fat drying oil, 170, dms., c.l., divd..lb. .16¾- —
190, dms., c.l., divd....lb. .21¾- —
290, dms., c.l., divd....lb. .33¾- —
fatty acid, SR, dms., c.l., divd. lb. .14¾- —
17 dms., c.l., divd....lb. .14¾- —
19, dms., c.l., divd....lb. .19¾- —

Neo-fat prices are ½c. per lb. higher in all States west of the Rocky Mountains. Drums are included and not returnable.

Nevillac, pale, hard, color 1-2, melting point 85-95°C., drums, works..lb. .19 - —
hard, color 2-½-4, melting point 85-95°C., same basis..lb. .17 - —
soft, color 2-½-4, melting point 65-70°C., same basis..lb. .17 - —
10 C, color ½-4, same basis..lb. .24 - —
LX-488, same basis....lb. .22 - —
OA, same basis....lb. .45 - —
RP, same basis....lb. .25 - —
TS, same basis....lb. .45 - —
RT, same basis....lb. .31 - —
RX, same basis....lb. .31 - —

Neville resin,* R-1 nevindene, color 1½, dms., works..lb. .16½- —
R-3, nevindene, color 1, dms., works..lb. .12½- —
R-5, nevindene, color 1½-2, dms., works..lb. .11½- —
R-6, nevindene, color 2½-3½, dms., works..lb. .10½- —
R-7, N.P.S., color below 3, dms., works..lb. .12¾- —
R-9, hard, color ½, dms., works..lb. .12¾- —
R-10, hard, color 1, dms., works..lb. .11¾- —
R-11, hard, color 1½-2, dms., works..lb. .10¾- —
R-12, hard, color 2½-3½, dms., works..lb. .09¾- —
R-13, medium, color ½, dms., works..lb. .12¾- —
R-14, medium, color 1, dms., works..lb. .11¾- —
R-15, medium, color 1½-2, dms., works..lb. .10¾- —
R-16, medium, color 2½-4, dms., works..lb. .09¾- —
R-16A, medium, color 7-10, dms., works..lb. .08½- —
R-17, medium, soft, color 3½-5, dms., works..lb. .10¾- —
R-19, medium, soft, color 3½-5, dms., works..lb. .10¾- —
R-21, soft, color 1½-3, dms., works..lb. .10¾- —
R-22, special, soft, color 3½-5, dms., works..lb. .10¾- —
R-27, medium, soft, color 1, dms., works..lb. .13¾- —
R-28, medium, soft, color 1½-3, dms., works..lb. .12¾- —
R-29, medium, soft, color 2½-3, dms., works..lb. .12¾- —
465, 110-125°C., dms., gross weight, Pittsburgh..lb. .06½- —

Neville resin prices, except 465 resin, are freight equalised with Phila. Less than full drum shipments are 5c. per pound additional. f.o.b. Neville Island, Pa.

Nevilloid, C-55 emulsion, ret. dms., works..lb. .12 - —
C-10 emulsion, ret. dms., works. lb. .1125- —
Nextex, 10, returnable dms., works..lb. .08 - —
90, returnable dms., works..lb. .20 - —
Nuba, 1, 80-90° C., dms., gross weight, works..lb. .0290- —
2, 100-125° C., dms., gross weight, works..lb. .0290- —
3x, 135-150° C., dms., gross weight, works..lb. .04½- —
Nuodex drier, cobalt, 6%, 400-lb. pkgs..lb. .30½- —
100-lb. pkgs....lb. .41½- —
Calcium, 5%, 400-lb. pkgs.lb. .22¾- —
100-lb. pkgs....lb. .23¾- —
Iron, 6%, 400-lb. pkgs....lb. .14¾- —
100-lb. pkgs....lb. .15¾- —
lead, 24%, 450-lb. pkgs....lb. .14 - —
100-lb. pkgs....lb. .15 - —
36%, 500-lb. pkgs....lb. .21¼- —
100-lb. pkgs....lb. .22¾- —
Manganese, 6%, 400-lb. pkgs. lb. .15¾- —
100-lb. pkgs....lb. .16¾- —
Zinc, 8%, 400-lb. pkgs....lb. .15¾- —
100-lb. pkgs....lb. .16¾- —

All prices are divd. to customer's plant everywhere in continental U.S.A.

P

Paradene, No. 1, 75-90° C., color 12-16, dms., gross wt., works, lb. .0625- —
2, 100-125° C., color 12-16, dms., gross wt., works..lb. .0625- —
33, 34, color 10-15, dms., works. lb. .0625- —
35, color 10-15, dms., works, gross wt..lb. .0675- —

Paradene prices are freight equalised with Philadelphia, Pa.

Parasol resin, hard, No. 1, c.l.lb. .16 - —
l.c.l. ....lb. .16½- —
extra hard No. 1, c.l....lb. .16½- —
l.c.l. ....lb. .17 - —
35, c.l., divd....lb. .16½- —
l.c.l. ....lb. .17 - —
30, c.l., divd....lb. .17½- —
l.c.l. ....lb. .17⅝- —
54, c.l., divd....lb. .19½- —
l.c.l. ....lb. .20 - —
200, c.l., divd....lb. .18½- —
l.c.l. ....lb. .19 - —
300, hard, c.l., divd....lb. .17½- —
l.c.l. ....lb. .18 - —
850, c.l., divd....lb. .17½- —
l.c.l. ....lb. .18 - —
1700, c.l., divd....lb. .18½- —
l.c.l. ....lb. .19 - —
1750, c.l., divd....lb. .17½- —
l.c.l. ....lb. .18½- —
Paraplex (resin plasticizers), RG-2 (60% in xylol), bbls., c.l..lb. .28½- —
l.c.l. ....lb. .29 - —
(100% solids), bbls., c.l....lb. .44½- —
l.c.l. ....lb. .45½- —
RG-8 (100% solids), bbls., c.l. lb. .29 - —
l.c.l. ....lb. .29½- —
G-20 (60% in butyl acetate), bbls., c.l..lb. .46½- —
l.c.l. ....lb. .47 - —
(100% solids), bbls., c.l....lb. .69 - —
l.c.l. ....lb. .69½- —
S-B (30% in xylol), bbls., c.l.lb. 23½- —
l.c.l. ....lb. .24 - —
(100% solids), bbls., c.l....lb. .23½- —
l.c.l. ....lb. .39½- —
AL-16 (70% in xylol), bbls., c.l. lb. .23 - —
l.c.l. ....lb. .23½- —
(100% solids), bbls., c.l....lb. .31 - —
l.c.l. ....lb. .31½- —
AL-111 (100% solids), bbls., c.l..lb. .22 - —
l.c.l. ....lb. .22½- —

Paraplex prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district 1, comprising any point in the United States except in the States of Arizona, California, Colorado, Idaho, Montana, New Mexico, Nevada, Oregon, Texas, Utah, Washington and Wyoming.

Parasmes, 5 solid resins, c.l. and l.c.l., divd..lb. .13 - —
4634 solutions (50% in mineral spirits), c.l., divd..lb. .11 - —
l.c.l. ....lb. .11½- —
Pentalyn A, non-ret. dms., f.o.b. cars, destination, zone 1. lb. .1460- —
10 dms., same basis....lb. .1460- —
1-9 dms., same basis....lb. .1510- —
C, non-ret. dms., f.o.b. cars, destination, zone 1..lb. .1715- —
10 dms., same basis....lb. .1765- —
1-9 dms., same basis....lb. .1815- —
G, non-ret. dms., f.o.b. cars destination, zone 1..lb. .1600- —
10 dms., same basis....lb. .1650- —
1-9 dms., same basis....lb. .1700- —

Durez RESIN NEWS

Here are the facts about two well-known Durez resins . . . Durez 219 and Durez 220. Paint manufacturers everywhere have tested and enthusiastically approved their remarkable properties. Samples are available to those interested in making laboratory tests.

Durez 219

Terpene phenolic. Promotes hardness and fast dry. Has excellent solubility properties. For example, a non-penetrating flat wall paint liquid can be made with Durez 219 Resin and dehydrated castor oil or other oil using a high percentage of lime as shown in formula V-51115. This formulation produces extremely high viscosity at low solids.

A typical flat paint made with a vehicle of this type is F-51116. The paint is stable in the package, applies well, and has good hiding. It does not penetrate when applied to porous surfaces.

Durez 220

Terpene phenolic. Aids in producing fast drying, hard, abrasion-resistant architectural finishes with good durability.

Its many properties adapt it for use in a wide range of oleoresinous coatings, both air-drying and baking, and with the use of either hard- or soft-drying oils. Its high melting point gives finishes which set and dry rapidly and which acquire hardness and toughness in minimum time. Its pale color gives light-colored varnishes and enamel liquids which have excellent retention of color on drying and aging. Its complete solubility in oils and thinners give varnishes which are clear, free from seeds, and which dry smooth and glossy. Properly cooked varnishes remain stable on storage and do not produce a precipitate or sludge. Also, no "trick" cooking procedure is necessary, as the resin is completely soluble in drying oils at its melting point. Aged films of varnishes show no excessive embrittlement, as oxidation of the resin is negligible.

The low acidity of Durez 220 Resin enables the production of varnishes which body rapidly in the kettle and which have good viscosity. Compatibility with basic reactive pigments can be secured by proper treatment of the oil.

For samples or further information on above Durez resins, write to . .

DUREZ PLASTICS & CHEMICALS, INC.
138 Walck Rd., North Tonawanda, N. Y.

DUREZ
RESINS THAT FIT THE JOB

Pentalyn, F, non-ret. dms., f.o.b. cars, destination, zone 1..lb. .16 - —
10 dms., same basis....lb. .16½- —
1-9 dms., same basis....lb. .17 - —
M, non-ret. dms., c.l., f.o.b. cars, destination, zone 1. lb. .1950- —
10 dms., same basis.....lb. .2000- —
1-9 dms., same basis.....lb. .2100- —
M-802A, non-ret. dms., c.l., f.o.b. cars, destination, zone 1..lb. .1800- —
10 dms., same basis.....lb. .1850- —
1-9 dms., same basis.....lb. .1900- —
O, non-ret. dms., c.l., f.o.b. cars, destination, zone 1. lb. .1825- —
10 dms., same basis.....lb. .1875- —
1-9 dms., same basis.....lb. .1925- —
X, non-ret. dms., c.l., f.o.b. cars, destination, zone 1. lb. .1795- —
10 dms., same basis.....lb. .1845- —
1-9 dms., same basis.....lb. .1895- —
P.H.O., dms., works.....lb. .24 - —
Piccolastic, A-L, A-5, A-25, A-50, B-50, C-5, C-25, C-50, E-50 types, c.l., Clairton, Pa..lb. .20 - —
l.c.l., same basis.....lb. .20½- —

The above types are sold in heavy gauge steel drums, weighing approximately 52 lbs. each. Drums extra at $1.25 each, and non-returnable.

A-75, B-75, B-100, C-75, C-100, C-125, D-75, D-100, D-125, D,150, E-75, E-100, E-125 types, c.l., Clairton, Pa., lb. .20 - —
l.c.l., same basis.....lb. .20½- —

The above types are sold on a net weight basis, in light gauge steel drums weighing approximately 15 lbs. each, drums included.

FT, TX, FHF types, c.l., Clairton, Pa..lb. .12½- —
l.c.l., same basis.....lb. .13 - —

The above types are in heavy gauge steel drums, weighing approximately 52 lbs. each. Drums extra at $1.25 each, and non-returnable.

Piccolyte resins, S-10, S-25, S-40, dms., net. wt., f.o.b. Clairton, Pa., c.l..lb. .15 - —
l.c.l. .....lb. .15½- —
S-55, S-70, same basis, c.l.lb. .16 - —
l.c.l. .....lb. .16½- —
S-35, S-100, same basis, c.l.lb. .17 - —
S-55, S-100, same basis, c.l.lb. .17 - —
l.c.l. .....lb. .17½- —
S-115, same basis, c.l.....lb. .18 - —
l.c.l. .....lb. .18½- —
Piccoumaron resins, 420, 420-S, dms., gross wt., f.o.b. Clairton, Pa., frt. equald..lb. .06 - —
420-T, same basis.....lb. .0675- —
422-R, 423-R, 425-R, 427-R, dms., net. wt., same basis. lb. .1975- —
430, 435, bulk, gross wt., same basis..lb. .045 - —
440-T, same basis.....lb. .0625- —
450, 450-H and 450-S, same basis..lb. .09 - —
460-EH, same basis.....lb. .0975- —
460-T, same basis.....lb. .0575- —
XX-35, XX-40, bulk, net. wt., same basis..lb. .0625- —
XX-55, dms., gross wt., same basis..lb. .0575 - —
XX-70, XX-100, same basis..lb. .0525- —
XX-115, same basis.....lb. .0575- —
T-115, same basis.....lb. .0725- —
70%, 420-S Sol., ret. dms., net wt..lb. .075 - —
Pliolite, S-2, powder, 600-lb. lots, works..lb. .53 - —
less than 600 lbs., same basis, lb. .55 - —
S-2, resin, milled, 600-lb. lots, works..lb. .58 - —
less than 600 lbs., same basis. lb. .60 - —
S-5, unmilled resin, 200-lb. dms., same basis..lb. .55 - —
milled resin, same basis...lb. .65 - —
Pyrophen, plastic resins, 5000, c.l., works..lb. .18¼- —
l.c.l., same basis.....lb. .18¾- .19¼
5010, c.l., same basis.....lb. .17¼- —
l.c.l., same basis.....lb. .17¾- .18¼
5012, 5012, c.l., same basis.lb. .13¼- —
l.c.l., same basis.....lb. .13¾- .14¼
5014, c.l., same basis.....lb. .14¾- —
l.c.l., same basis.....lb. .15¼- .15¾
Polypale, ester, No. 10, non-ret. dms., c.l., divd..lb. .12 - —
10 dms., same basis...lb. .12½- —
1-9 dms., same basis...lb. .13½- —

R

Resinous oil, No. XI, returnable dms., works..lb. .0160- —

S

Saran F-120 resin, c.l., works.. lb. .57 - —
l.c.l., same basis.....lb. .59 - —
F-122 latex, approx. 50% solids contained, wood bbls. (55 gals.), c.l., works..lb. .40 - —
l.c.l., same basis.....lb. .44 - —
10-gal. bbls., same basis.. lb. .50 - —
Silene (see Calcium silicate hydrated under C in Current Market Quotations).
Staybelite ester, No. 5, non-ret. dms., f.o.b. cars, c.l., destination, zone 1..lb. .15½- —
10 dms., same basis.....lb. .15¾- —
1 dm., same basis.....lb. .16 - —
No. 10, non-ret. black iron dms., c.l., f.o.b. cars, destination, zone 1..lb. .15½- —
10 dms., same basis.....lb. .15¾- —
1 dm., same basis.....lb. .16 - —
Super-Beckacite, 1001, c.l.....lb. .33 - —
l.c.l., same basis.....lb. .33½- .34
1008, F.R., c.l.....lb. .31 - —
l.c.l., same basis.....lb. .31½- .32
2000, M-K, c.l.....lb. .27 - —
l.c.l., same basis.....lb. .27½- .28
2100, M-I, c.l.....lb. .27 - —
l.c.l., same basis.....lb. .27½- .28
3011, c.l.....lb. .31½- —
l.c.l. .....lb. .32 - .32½
Syntex resins, 9 (or 1922), non-ret. dms., c.l., works, Louisville, Ky..lb. .18¾- —
l.c.l .....lb. .19¾- —
H12, c.l., same basis.....lb. .17¼- —
l.c.l., same basis.....lb. .17¾- —
H15, c.l., same basis.....lb. .14½- —
l.c.l., same basis.....lb. .15 - —
16, c.l., same basis.....lb. .19¾- —
l.c.l., same basis.....lb. .20¼- —
18, c.l., same basis.....lb. .17½- —
l.c.l. .....lb. .18 - —
19-B, c.l., same basis.....lb. .16½- —
l.c.l. .....lb. .19¾- —
19-C, c.l., same basis.....lb. .14¼- —
l.c.l. .....lb. .14¾- —
22, c.l., same basis.....lb. .15¾- —
l.c.l. .....lb. .16¼- —
23, c.l., same basis.....lb. .14¾- —
l.c.l., same basis.....lb. .15¼- —
23-5D, c.l., same basis.....lb. .13 - —
l.c.l., same basis.....lb. .13½- —
25, c.l., same basis.....lb. .18¾- —
l.c.l. .....lb. .19¼- —
32, c.l., same basis.....lb. .15¼- —
l.c.l. .....lb. .15¾- —
40, 50, c.l., same basis.....lb. .16½- —
l.c.l. .....lb. .17 - —
40-LR, c.l., same basis.....lb. .18¼- —
l.c.l., same basis.....lb. .18¾- —
50, c.l., same basis.....lb. .16½- —
l.c.l., same basis.....lb. .17 - —
50-L, c.l., same basis.....lb. .17 - —
l.c.l., same basis.....lb. .17½- —
60-A, c.l., same basis.....lb. .21¾- —
l.c.l. .....lb. .22¼- —
60-AL, c.l., same basis.....lb. .22¼- —
l.c.l., same basis.....lb. .22¾- —
115, c.l., same basis.....lb. .12½- —
l.c.l. .....lb. .13 - —
117, c.l., same basis.....lb. .13½- —
l.c.l., same basis.....lb. .14 - —
121, c.l., same basis.....lb. .17½- —
l.c.l. .....lb. .18 - —
217, c.l., same basis.....lb. .15¼- —
l.c.l. .....lb. .15¾- —
217-R, c.l., same basis.....lb. .15¼- —
l.c.l., same basis.....lb. .15¾- —
1979, c.l., same basis.....lb. .17¼- —
l.c.l. .....lb. .17¾- —

U

Uformite, F-200-E (50% in butanol: xylol) bbls., c.l.lb. .22½- —
1-10 drum lots.....lb. .23 - —
F-226-E (50% in capryl alcohol), bbls., c.l..lb. .24 - —
1-10 drum lots.....lb. .24½- —
MM-55 (50% in butanol xylol), bbls., c.l..lb. .30 - —
1-10 drum lots.....lb. .30½- —
Uformite, MU-50 (50% in butanol); xylol, bbls., c.l..lb. .28½- —
1-10 drum lots.....lb. .29 - —

Uformite prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district 1.

V

Vanadiset resins, Grade A, 255-300° F, m.p., whse..lb. .0165- .035
Grade H, 245-255° F, m.p., whse..lb. .0250- .050
Grade C, 315-340° F, m.p., whse..lb. .0165- .035
Grade D, 170-180° F, m.p., whse..lb. .0165- .035
Grade E, 275-285° F, m.p., whse..lb. .0225- .050
Grade F, 225-235° F, m.p., whse..lb. .0225- .050
pulverized, whse.....lb. .0850- .210
solution, whse.....lb. .4000- .650
Velsicol, resins, AD-6-3, dms., c.l., f.o.b. Marshall, Ill., frt. alld., destination, midwest, east..lb. .11⅞- —
1-9 dms.....lb. .12⅜- —
AB11-4, dms., c.l., same basis. lb. .06⅜- —
l.c.l., same basis.....lb. .09 - —
Solutions, AD-660, tankcars, same basis..lb. .08 - —
dms., c.l., same basis....lb. .09½- —
l.c.l., same basis.....lb. .09⅝- —
AD670, tankcars, same basis. lb. .09 - —
dms., c.l., same basis....lb. .10¼- —
l.c.l., same basis.....lb. .10⅝- —
AB-400, tankcars, same basis, lb. .06¼- —
dms., c.l., same basis..lb. .07¼- —
l.c.l., same basis.....lb. .07⅝- —
Velsicol, solvents, No. 1, tankcars, same basis..gal. .19 - —
dms., l.c.l., same basis..gal. .25 - —
No. 1-A, tankcars, same basis. gal. .20 - —
dms., l.c.l., same basis.gal. .26 - —
No. 2A, tankcars, same basis. gal. .22½- —
dms., c.l., same basis....gal. .28½- —

Cost of drums, $3 extra remaining customer's property.

Vinsol resin, pulv., bgs., c.l., divd..lb. .02¼- —
l.c.l., divd., Met. area. lb. .03½- —
Vinylseal, modified, vinyl acetate resin, 24.5% by weight, solution in toluene, T-24-9, non-ret. dms., 20-dm. lots, same basis..gal. 2.00 - —
drum lots, same basis....gal. 2.25 - —
less than drum lots, same basis..gal. 2.50 - —
28% by weight, solution in 32% methyl acetate, MA 26-18, 20-drum lots, same basis..gal. 2.15 - —
drum lots, same basis..gal. 2.40 - —
less drum lots.....gal. 2.65 - —

All "Vinylseal" containers except 5-gal. cbys. non-returnable.

Freight allowed to destinations in New England, Middle Atlantic States, Va., N.C., S.C., W. Va., O., Ky., Tenn., Ind., Ill., Mich., Wis., Ia., Mo. and Minneapolis, St. Paul, and Duluth, Minn. For shipments to all other points in U.S., add ½c. per lb. to c.l. and ¾c. to l.c.l. prices.

—Continued on page 70

VELSICOL

AD-6-3 Resin

for FAST-DRYING MAR-PROOF FINISHES

VELSICOL

Need a varnish or vehicle with fast, tough through-drying qualities, high gloss and improved film hardness? Protective coatings when properly formulated with VELSICOL AD-6-3 meet these specifications. If this type of coating does not represent your present needs, you will find VELSICOL AD-6-3 a versatile resin, suited to the production of a wide variety of protective coatings both air-dry and bakes.

In addition to imparting fast, tough through-dry, high gloss and hardness of film, VELSICOL AD-6-3 based finishes exhibit excellent acid, alkali and water resistance, improved wetting and dispersion of pigments, high leafing qualities for metallic powders, good adhesion on metal and wood, and excellent can stability. VELSICOL AD-6-3 is a neutral resin soluble in aliphatics and aromatics and compatible with all drying and semi-drying oils.

Samples of the solid resin or the solution (AD-660) submitted on request together with complete technical information. Our resin laboratory will be glad to examine and advise concerning specific problems having to do with protective coating formulations.

VELSICOL Corporation

Manufacturers of Synthetic Resins • Insect Toxicants • Coresin Core Oils • Aromatic Solvents

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Monopoly Attack Planned

Eight members of the Senate of the United States have combined to foster a bill designed to prevent and eliminate combines, or what are popularly styled monopolies. They have laid out in their bill (S. 2482) what is intended to provide the United States with a "consistent and coordinated antimonopoly program" which, they hold to be necessary to "protect the public interest" and to "contribute to the creation and maintenance of employment opportunities for those able, willing, and seeking to work, the promotion of competitive free enterprise and the general welfare, and the development of interstate commerce."

It is noteworthy that the eight senators do not, as representatives of the people, construct the "consistent and coordinated" antimonopoly program which they declare to be essential to the preservation of competitive free enterprise. They leave that task to the President, his cabinet, and the bureaus which are vested with regulatory powers. This appears to be drawing a very fine line of demarcation through that indefinite area of abutting, infringing, and usurping authorities belonging to the legislative or the executive branch of the government.

But, the senators do set out at length in seven other titles in their statutory draft some of the things which they believe to be essential to the program, or policy, at which they are aiming. They would prohibit individual or corporate participation by Americans in international cartels—with the exception of governmental agreements. They would eliminate discriminatory freight rates by obliging the Interstate Commerce Commission to provide a uniform classification for the United States. They would put a stop to monopolistic practices with respect to patents, beyond the privileges inherent in a patent. They would provide more adequate enforcement of the antitrust laws to the extent of $6,000,000 a year, setting up individual liability for corporation officers and directors and penalizing companies in violation with forfeiture of twice their net income during the period of violation. They would constitute the Federal Trade Commission as a master in chancery under the antitrust laws. They would top all other means of combating monopoly with some sort of undefined and unlimited public regulation or ownership.

But, not all the purposes of the monopoly-stopping senators are prosecutively combative. Title V of their pronouncement is defensive in nature. It would provide credit assistance—at not more than "4 per centum per annum"—for small business enterprises and competitive enterprises, large or small, with the intent of enabling them better to withstand the competition of more opulent, monopolistic concerns.

This proposal lays new emphasis on the increasingly popular politicoeconomic idea that small business, like agriculture, is a ward of government, to be reared and supported at public expense by means of subsidies and other favors. Such a governmental attitude is not good for the system of private enterprise. The latest proposal also has a peculiar significance in one of its purposes for which small and other "competitive" businesses are to get long-term governmental financial assistance. That purpose is stated as "developing or expanding business activities in underdeveloped areas of the country." That enters upon an opportunity which private enterprise is quite widely believed to neglect.

The United States needs a consistent, coordinated—"correlated" might be a better designation—antimonopoly policy, or antitrust law. It is not evident that what is needed would be provided by way of the program of the eight senators. But, the introduction of S. 2482 opens a matter that has all too long been neglected; that is, the emendment of the antitrust law—with a view of fitting them to the economic realities of today. The opportunity thus provided should not be missed by the leaders of business, who know it is more important from all angles of the national economy that competition be fair than that it be merely free. Freedom of competition is necessary, but beyond a degree not easily predetermined it can be most destructive and excessively costly. The construction and application of a national policy of commercial economy has purposes other than the curbing of monopoly. The development of those purposes is now laid in the lap of business.

—O-P-D—

Useful Roles for Science

Now that it has been demonstrated at Bikini what a couple of atom bombs would do to a flock of naval vessels caught in a Pearl Harbor squat, the army is getting ready to send rockets up some 130 miles above sealevel to find out how to shoot a missile around the world. Later, so the papers say, the army's idea is to send a rocket to the moon. Whether the venture has anything to do with the high price and low supply of cheese is not disclosed. Science is power!

No belligerent nation is going to waste atom bombs on a couple of thousand men on a flock of ships when it can jitney them, maybe on a rocket, but certainly on a suicide-squad plane, to a place where they can wipe out at least ten times as many, plus half a dozen war factories. Nobody can tell where a rocket is going to come down out of 130 miles of atmospheric and stratospheric altitude until he has actually sent up the exact kind of rocket that would be launched for destruction, so aimed that it would come down on the spot which might be selected for extermination in the next war. Science is wonderful!

Meanwhile, phosgene, used as a degreaser in a plant in New York, got loose in a fire and felled sixteen persons. And in an upstate New York town one man died and his partner was hospitalized in an experiment in the use of methyl bromide as a fumigant in a breakfast food plant. The world does not need more scientists to discover powerful and wonderful new things one-half so much as it needs sensible men to make full use of one-tenth of the things that have long been known. It's going to be a hard job to fend off the deadly radioactivity of atom-fission in applying that scientific achievement to the powerng of an automobile. Somebody's ability is needed to make more nearly full use of the potential energy of gasoline in that job.

Science could do a much better job for mankind if it got out of the headlines and looked up the footnotes, if it climbed down out of the stratosphere and began to work at the grassroots. One million dollars spent in finding a really effective insecticide for the protecton of forest trees, ornamental plants, and food and fiber crops would be far more useful to the human race than all the millions expended in sending to the bottom of the ocean at Bikini almost all the evidence on what was not already known about the working of an atom bomb.

Science, in its power and its wonder, should give due attention to the indisputable fact that, if all the peoples of the earth were properly fed and clothed and housed, it would not be necessary to decimate them every now and then with powerful and wonderful discoveries of destruction.

OPD Forum

Outlet for Individual Opinion

(Anonymous communications will not be recognized, but a signer's name will be withheld at request.)

Citronella Oil Test

The Editor,
OIL, PAINT AND DRUG REPORTER.
Sir:—

A modification of the Schimmel test for detecting adulteration of Ceylon citronella oil with fatty oils or petroleum has been proposed by the essential oil subcommittee of the Society of Public Analysts in their report No. 14, published in the English journal, *The Analyst* (vol. 70, p. 442, 1945).

The original "Schimmel Test" was described in the Schimmel Report for October, 1889. By this test, citronella oil must give a clear solution with one to two volumes of 80 percent alcohol at 20° C., and this solution must remain clear or may at most show a slight opalescence upon the addition of up to ten volumes of 80 percent alcohol. Even after being left to stand for several hours, no drops of oil may separate from the solution.

As subsequent experience showed that oils which had been adulterated with petroleum to a moderate extent could pass this test, it was modified by the requirement that the oil must give the same test after the addition of 5 percent of Russian petroleum. This modified test is known as the "Raised Schimmel Test."

The report of the essential oil subcommittee states that its members consider this test "unsatisfactory, inasmuch as it is not sufficiently well-defined to give concordant results in different hands." They propose that it should be replaced by the following test, to be known as "The London Solubility Test":—

One volume of citronella oil should form a clear solution at 20° C. with from one to two volumes of 80 percent v/v alcohol, and with a total of four volumes of 80 percent v/v alcohol, the solution should not be more than faintly opalescent and there should be no separation of oily drops on standing overnight in a stoppered cylinder at 20° C.

It will be seen that the London test is essentially the same as the original Schimmel test, except that it requires that the solution should remain free of oily drops on standing overnight at 20° C. instead of "several hours." The use of four volumes of alcohol instead of "up to ten" volumes makes little actual difference in the result of the test, since the maximum cloudiness usually appears on the addition of from four to five volumes of alcohol.

Accordingly we can see no reason for the adoption of the test proposed by the essential oil subcommittee, and would suggest that the honor of being named after the great city of London should be reserved for a more significant contribution to the analytical field.

New York. SCHIMMEL & CO., INC.

Washington Talks It Over

—Continued from page 5

interpreting the statute in this manner, and for that reason they are saying that such things as casein, and animal glands for manufacture of pharmaceuticals, are still under price ceilings.

To be on the safe side, sellers are advised to stay within the old ceilings until OPA has ruled officially on the products that are exempt and those that are not.

Surplus Disposal Woes

Washington already is beginning to speculate on how long Maj.-Gen. Robert McGowan Littlejohn will continue in the job of administrator of the War Assets Administration. He is the third one to be appointed to this post in less than a year, and if the history of the agency is any criterion, he can be expected to toss in the sponge around Christmas.

It is no rosy path that faces General Littlejohn, says Lt.-Gen. E. B. Gregory, his predecessor. General Gregory's valedictory warning to the new administrator, obviously drawn from the trials and tribulations of his four month's experience in the job, was "It's a damned-if-you-do-or-don't proposition."

Mudslinging, group pressures, rivalry of priority claimants, and the admittedly complex provisions of the act, are the worst obstacles, General Gregory says, and can demoralize surplus disposal altogether.

Russia Loses Face

Any prospects of this government's extending a loan of any considerable size to Russia, as has been talked of quite frequently in the past, has faded from the picture this year. The Export-Import Bank hasn't got the funds to make the loan, and an increase in the bank's lending account to take care of a Russian loan hasn't a ghost of a chance of getting through Congress before adjournment.

Congressional attitude at the moment is, to say the least, very anti-Russian. The continuous blocking of our proposals by the Russians at the peace conferences, their rejection of our plan for atomic bomb control, and the treatment and suspicion which the Russians attach to any American who enters the Russian zone of Germany have completely obliterated the spirit of friendship Congress might have had for Russia during the war.

And the antics of Moscow-dominated Tito in Yugoslavia aren't being overlooked either, especially the report that the starving children of that nation are being taught that UNRRA is a province of Russia!

Surplus Medicines Moving

The long-awaited push by the War Assets Administration to get rid of surplus government stocks of drugs, medicines, and health supplies, appears now to be underway. The Food and Drug Administration, which has accepted the task of analyzing the surpluses to see that they conform to the requirements of the food, drug, and cosmetic act, reports that last month it had 800 samples undergoing tests and for July it expects even a greater number. Previously, the most that the FDA ever had in one month was less than 500.

FDA is testing samples of all the surpluses in the drug and health supplies field for WAA to make sure that they conform to the law before they are made available to the trade. Under the arrangement between the two agencies, WAA is not permitted to let title to the drug pass from its hands until they have been made to conform to the law. For the most part, the difficulty is with the labeling, and FDA is requiring that either WAA or the purchaser relabel the drugs in accordance with law before they enter channels of distribution.

OPD—8-5-1946

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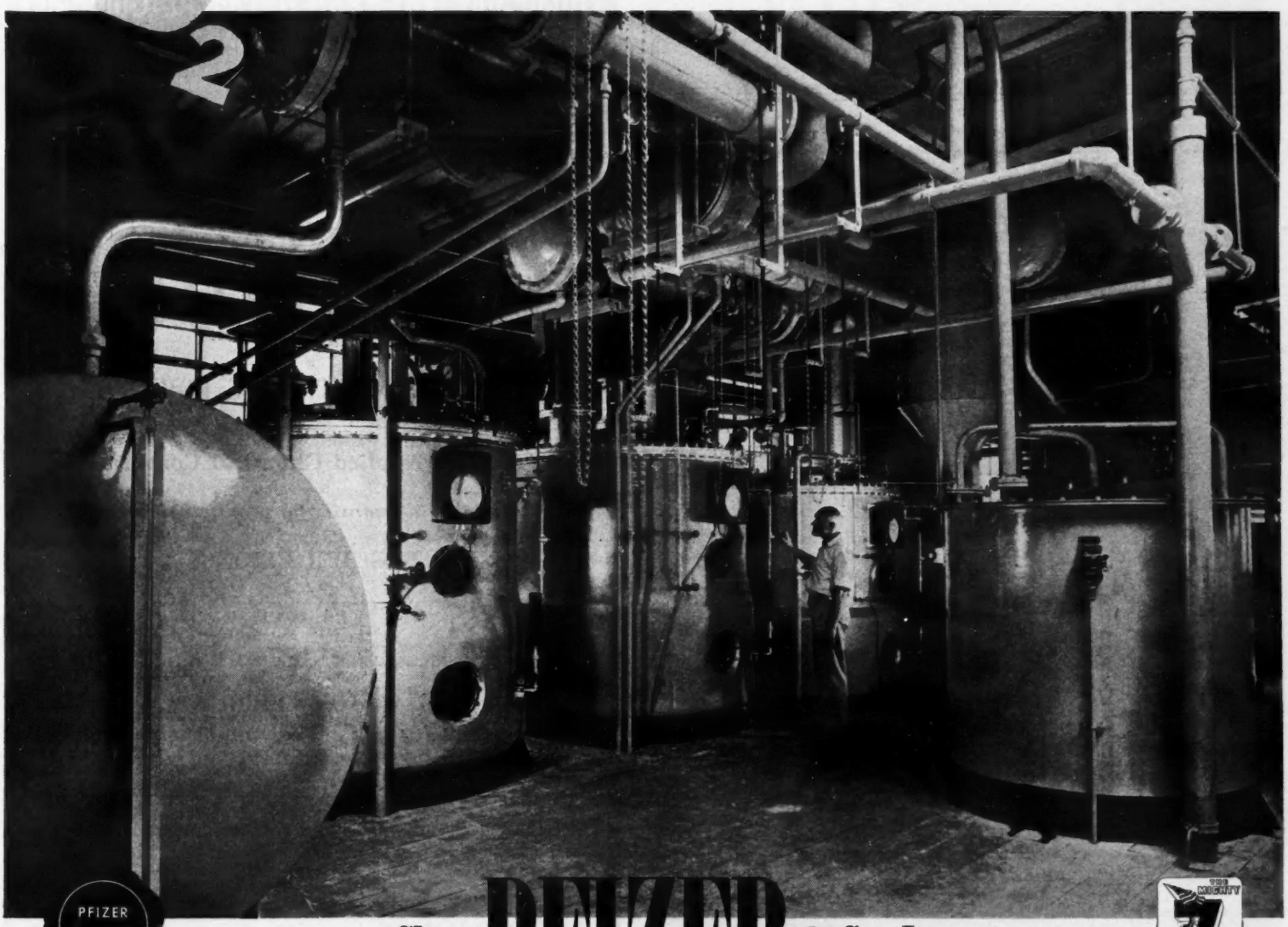

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Heavy Chemicals

Buying conditions have not improved in heavy chemicals. The items that were formerly tight were tighter last week and prospects were not encouraging for nearby relief. Aside from the confusion over a definite OPA policy, the full force of the acute boxcar shortage was experienced at producing plants where material has piled up through the inability to secure sufficient transportation. Back of this bottleneck was the scarcity of sheet steel with the resultant shortage of drum containers. In addition, there is shortage of all kinds of containers including glass carboys. Meanwhile, plants of some of the major producers have closed down on account of labor difficulties and others have stopped operating pending the completion of repairs. The program for increasing output has been severely interrupted by constant delays in securing machinery and in some instances plans have been indefinitely postponed.

Under such influences, the present outlook for prospective buyers is not favorable. It is stated that backlog orders will take care of most of the year's production and consumers of several heavy tonnage chemicals are finding difficulty in prying any additional material loose for shipment this year. So far, price changes have been limited. Caustic soda and soda ash appeared tighter. Repairs at one of the major sulphide of soda plants have cutback production temporarily and the same is true of oxalic and other chemicals so that really few materials are moving on schedule. Another advance was registered in the price of cadmium metal.

Paper production as a percentage of six-day capacity was 104.7 in the week ended July 26, according to the American Paper and Pulp Association. This compares with 102.3 in the previous week and 93.4 percent a year ago.

Production figures appearing in some of the following market reports were released by the Chemical Division of the U. S. Tariff Commission unless otherwise specified.

Market Trends

Prices Advanced

Cadmium metal, 30c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

General Chemicals

Last week.	Prev. week.	Last month.	Last year.
169.3	169. 3	169.3	168.9

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

(*For Current Prices see Page 9*)

Acetic Anhydride—Production dropped off over 4,000,000 pounds in May. The total registered 40,756,608 pounds compared with 44,789,682 pounds in the preceding month. April exports amounted to 221,000 pounds.

Antimony Oxide — Producers are able to meet allocations readily for domestic use but export releases are difficult to secure at the present time. Prices are firm with shipments under government regulation. Importations of antimony ore during the week amounted to 2,351 bags.

Cadmium Metal — Production has continued to run behind demand and stocks have been greatly reduced. The best price heard for the metal last week was $1.30 a pound, an advance of 30c.

Carbon Disulphide—Slight gain in output was recorded in May although the total was appreciably lower than noted at the beginning of the year. May production amounted to 22,941,-851 pounds, compared with 21,909,280 pounds in April.

Carbon Tetrachloride—Prompt shipments continued available but surplus stocks appeared to have been well liquidated. The container shortage is quite a problem. May production was the lowest recorded in the first five months. The total stood at 8,816,-061 pounds, compared with 10,889,678 pounds in the preceding month. April exports were 139,000 pounds.

Chlorine—Supply tight at present with container shortage and car stringency delaying shipments from works. Consuming demand showing tendency to increase.

Cobalt Chemicals — Feed grades, along with chloride and oxide have maintained a favorable supply position. Sellers are able to take orders specifying prompt shipments.

Copper—According to trade advices, an acute shortage of copper is retarding the hoped-for reconversion of the automotive, electrical and housing industries, and this untoward delay in production is accelerating inflation. Productive capacity of the copper industry in the United States at present prices is said to be about 65,000 tons a month, whereas copper consumption currently requires about 120,000 tons a month. The five months' strike in the copper industry already has created a serious shortage which is pinching production everywhere.

Official announcement has been made to the effect that payments under the recently extended premium priced plan for copper would be retroactive to June 30, 1946. At the same time, a director of Economic Stabilization directed that approved retroactive wage and salary increases recently granted by mine operators be taken into consideration in the payment of premium prices for copper in accordance with commitments made by the Office of Economic Stabilization. The directive issued carries out those commitments. Under the directive, some operators who had not previously received premium payments will become eligible for them as a result of reduced operating margins due to retroactive wage increases.

Copper Chemicals—Aside from copper sulphate, OPA has made no provision, to date, to revise prices on copper carbonate, naphthenate or other copper chemicals to cover the higher cost of the metal.

Potash Chlorate—Shipments have delayed through the container shortage and the movement at present is seriously interrupted while pressure from the consuming industries is steadily increasing.

Potash Perchlorate—Sold heavily ahead with producers not inclined to accept new business until standing orders are evened off.

Potash Permanganate—Market position appears to be easing by degrees with producers able to meet the essential wants of regular consumers. Some delay in the movement has been experienced by the container and boxcar shortage but this is expected to be temporary. Export demand has not been entirely satisfied.

Soda Ash—Producers are moving all the soda ash possible but shipments have been seriously delayed by the boxcar shortage and material at some plants has been piling up on account of the shortage of transportation facilities. At present, there is an absence of inventories and, aside from an occasional resale lot, the market continued practically bare of stocks.

Soda, Caustic—Market conditions have shown no signs of improvement. The acute shortage of sheet steel has created a severe scarcity of drums for dry caustic and shipments have been greatly delayed. It appears that steel is being directed to agricultural machinery and housing at the expense of containers. Meanwhile, the supply situation in caustic soda appears to be growing tighter with no apparent relief in sight.

Soda Chlorate—Shortage of containers has slowed down the movement of this chemical and forced producers to delay shipments. The market position has tightened and is under considerable pressure from the consuming trades. Last year 714,800 pounds were imported from France.

Soda Silicate—Barring the inconvenience of the container shortage, the supply situation appeared able to meet current consuming demand without unusual difficulty. There was no indication of price change in the immediate future.

Soda Sulphide — Available stocks are short at present and the market will probably remain tight until re-

For Late Market Developments, See Page 4

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pairs to one of the major producing plants are completed.

Tin—World tin production will not attain pre-war levels until some time in 1949, according to a special investigation for the Civilian Production Administration following a recent on-the-spot survey of Far Eastern conditions. Only about 41,000 tons of tin were located in the Orient, which is normally the source of 70 percent of the world's tin supply. This 41,000 ton supply is approximately three months' world consumption at the present rate. The relatively small tin stocks available after three and one-half years of Japanese domination exploded the story, based on Japanese reports during the war, that enormous quantities of tin were being produced by Japan. The Japanese government reported then that a huge tin production had been attained with the aid of enthusiastic mine workers in the "Greater East Asia Co-Prosperity Sphere."

Official advices from Bolivia state that the contract between the United States Commercial Company and the tin producers expired on June 30, but the Banco Minero has offered to purchase the tin concentrates until such time as a contract for the sale thereof can be effected.

Acids

Acetic—Aside from container and boxcar shortage, the supply situation appeared able to meet current requirements. Production of synthetic in May was the lowest in the first five months of the year. The total registered 20,714,972 pounds, compared with 23,187,000 pounds in April. The amount of recovered acid in May was 95,293,469 pounds, against 101,991,404 pounds in April. Output of natural was 2,550,689 pounds in May and 2,342,315 pounds in the preceding month. Exports in April were 330,000 pounds against 108,000 pounds for the same month in 1945.

Chromic—Supply has not been able to match demand promptly although trade reports indicate that production has shown gradual expansion. There is a steadily increasing inquiry both for home and export.

Naphthenic—Shipments have continued to come foward on a fairly prompt basis for all grades. There are no excess stocks pressing the market and the price tendency remained firm. April exports were 301,000 pounds.

Oxalic—Shortage of this acid has not been relieved and the market holds the same tight position formerly noted. Shipments have been delayed, the container shortage having an important influence on retarding the movement to consumers.

Phosphoric—Buying conditions have not eased and demand appears to have kept well ahead of the supply limit. According to trade reports, production has been interrupted by labor difficulties and present inventories are definitely low.

Sulphuric—Industrial and agricultural demand has continued active enough to prevent stock accumulations and the market showed a satisfactory degree of balance. Export shipments have decreased during the first four months, chiefly because of the loss of the Cuban market through that country's protective tariff levies. Exports for four months, through April show 6,258 tons, against 9,720 tons for the corresponding period in 1945.

Baltimore, Aug. 2.—Production of sulphuric acid is going on as usual, with output large enough to provide for all the needs of business, including the government and the requirements of the various consuming industries. The trend of acid-making materials is still upward, with the prices unchanged at levels set during the war, and subject to variations fixed for the different producers, and with no further attempts to establish a uniform scale. Outlay for wages has undergone no reduction, and production costs take their tendency from the prevailing trend, though with no interruptions by strikes or other controversies, as might be expected from an industry in which the operation is almost entirely automatic, with relatively few men employed. Transportation difficulties and the loading and unloading of vessels present the major problems.

German Credits Vested

The Alien Property Custodian has vested an account of $71,316.44 owed by Brown Brothers, Harriman & Co., New York, to the Amsterdamsche Bank, Holland, representing dividends on 15,950 vested shares of stock of the General Aniline & Film Corporation.

The custodian also has vested debts and other obligations in the books of the Chemical Marketing Company, New York, which he has found to be owing to Deutsch Gold-und Silber-Scheideanstalt vormals Roessler, Hamburger Chemikalien - Handelsgesellschaft, m.b.H., and Dr. L. C. Marquart, A. G.

Penna. Salt Elects Nalle to Board

Richard T. Nalle, executive vice-president of the Midvale Company, Philadelphia, has been elected to the board of directors of the Pennsylvania Salt Manufacturing Company, also Philadelphia. He succeeds John S. Jenks, who died March 13.

Gwynne Bill Drastically

—Continued from page 3

to a unanimous consent request that the house accept the senate amendments and forward the bill to the White House for the President's signature.

Mr. Marcantonio offered no reason for his objection, but it was obvious that he hoped to kill the measure entirely for the session since it would prevent the filing of claims for back wages under the wage-hour law and the public contracts act by labor for any period beyond three years past.

It was generally understood that the Department of Justice was responsible for the senate's eliminating all the other provisions in the measure because of a fear that it might limit the department's enforcement of the antitrust laws.

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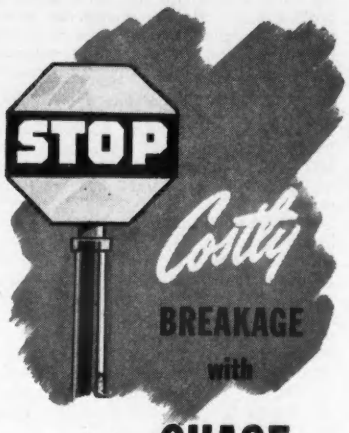

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P.A.'s on Business

—Continued from page 4

would indicate. Prices are on the move, but in many cases they reflect only what would have happened anyway—OPA or no OPA. The majority of reputable suppliers have not allowed price increases to get out of line.

Inventories

The trend toward higher inventories continues, although at a very slow pace. Most buyers are still finding it difficult to improve the inventory position. Very little improvement is expected before the end of the year or early 1947. The widespread demand for materials, requiring what is practically a rationing system of distribution, renders the accumulation of an inventory almost an impossibility.

Inventories generally are out of balance. The easing up of strike conditions and transportation problems is helping to some extent.

West coast stocks continue very low. Buyers report the bottom of the barrel has been reached. Deliveries are slow and uncertain.

Buying Policy

Policy of industrial buyers appears to depend entirely on requirements and the availability of materials. Many are of the opinion that buying should be done only to maintain production, as the situation today is so mixed it does not seem that any set pattern or policy for buying can be maintained.

Forward buying runs from one to eighteen months, with three months a fair mark to shoot at.

While extended coverage seems to be the accepted necessity of today's buying, all are aware that this condition could change quickly, and purchasing executives are giving considerable thought to the policy to be followed in the placing of future commitments.

Specific Commodity Changes

Changes in the commodity situation are the order of the day, with conditions very unsettled. Many items are almost off the market, while others are becoming more plentiful.

Most price advances are reported in food, grain, and cotton. Food advances appear confined to cattle, hogs, sheep, and dairy products, and these appear largely to reflect the discontinuance of subsidies.

Most items in the general stationary trade are reported up 10 percent to 15 percent.

The price of bituminous coal is being increased by some operators, but not all of them.

Imported raw materials used by the drug trade are reported higher. Menthol is very strong, due to limited quantities in Brazil and the disappointing arrivals from Japan and China.

Vegetable oils will be extremely short for the next nine months due to a poor domestic crop and no imports from Argentina.

The shortage of steel scrap has reached serious proportions. The lack of scrap has further reduced the already short production of steel plate and sheet mills in the Pittsburgh area.

West coast reports indicate many changes, particularly cornstarch, up 52 percent; dark rosin size, up 32 percent; rubber, up 3¼c. per pound; textiles, when procurable, up 20 percent; sisal rope, up 9½c. per pound, and manila rope, up 8½c. per pound.

General

The data from which this report has been prepared, were submitted during a period when there were no controls on prices. This was a temporary condition, and it is of prime interest to note the opinion of purchasing agents regarding developments. Generally, buyers comment on the relative stability in prices which maintained when OPA ceiling prices were abolished. This speaks well for the intelligence of the leadership in industry. The threatened and prophesied wild inflation or runaway prices when controls were lifted failed to materialize. Since industry, while demand is so much greater than supply, has shown this restraint and sagacity, and has refused the opportunity to "get while the getting is good," it speaks well for the ability of the country to operate without too serious repercussions when and if all price controls are permanently eliminated.

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Bauxite Allocation By WAA Ordered

OPD Washington Bureau

In accordance with directions issued by the Director of War Mobilization and Reconversion, the War Assets Administration has issued an order making available the government stockpile of bauxite to the operator of the government-owned alumina plant at Hurricane Creek, Ark. The Reynolds Metals Company is operating the plant at present under an agreement to lease.

The Order, No. 4 to SPA Reg. 17, provides that for a period of seven years, the bauxite be made available in quantities sufficient to provide for economical operation of the plant after reasonable efforts have been made by the operator to acquire bauxite from commercial sources at fair prices.

This action is in accordance with the Surplus Property Board report on September 21, 1945, to the Congress on aluminum plants and facilities which stated that "the government stock of bauxite at Hurricane Creek will be available to the plant operator."

The government stockpile, containing approximately 2,785,585 tons of domestic bauxite, was declared surplus on July 15 by the RFC.

Carbon 14 Delivered

—Continued from page 5

uranium pile of Clinton Laboratories, the atomic research center operated at Oak Ridge for the government by Monsanto Chemical Company, the unit of Carbon-14 obtained by the hospital weighed only about one ten-thousandth of an ounce, but it will emit 37,000,000,000 beta particles per second for 10,000 to 25,000 years.

The unit was priced at $367, the actual estimated cost of production, plus handling and shipping charges, with the total cost to the hospital about $400.

Others to receive similarly sized units of the isotope are:—

Dr. D. Wright Wilson, University of Pennsylvania School of Medicine. He plans to study a comparison of sugar and lactic acid metabolism in normal and diabetic animals. Following the source of sugar containing radioactive atoms, he hopes to be able to unravel some of the problems of diabetes.

Dr. James Franck, 1925 Nobel Prize Winner, professor of physical chemistry at the University of Chicago. He will use Carbon 14 to study the mechanisms by which plants take energy from sunlight and store it as chemical energy.

Dr. W. D. Armstrong, professor of physiological chemistry, University of Minnesota, whose investigations into the role of flourine in the enamel of teeth are widely recognized. He plans to use tagged carbonatoms to trace the deposition of carbon compounds in the dentin (inner pulp) and enamel of teeth and in bone.

Dr. I. L. Chaikoff, professor of physiology, University of California School of Medicine. He will label fats with Carbon 14 and study their utilization by the liver, muscle, blood, etc.

Colonel Kirkpatrick announced that hundreds of applicants for radioactive isotopes, including not only Carbon 14 but also many other of the 50-odd varieties producible at the Clinton Pile, have been received from the nation's leading research laboratories. He indicated that from 30 to 40 orders will be filled within the immediate future, and said several hundred additional orders are likely to be filled within the next few months.

The Northeast National Laboratory at Camp Upton will be operated by nine universities, including Columbia, Cornell, Harvard, Johns Hopkins, Massachusetts Institute of Technology, University of Pennsylvania, University of Rochester, Princeton and Yale.

Barium Chemicals Production Data

Barium chemicals produced and used or sold by producers in the United States in 1944-45, according to the Bureau of Mines, follows:—

	Short tons: Produced	Short tons: Used by producers in other barium chemicals[1]
Black ash[2]—		
1944	153,624	153,573
1945	149,871	149,203
Carbonate (synthetic)—		
1944	37,911	27,551
1945	40,089	25,139
Chloride (100% basis)—		
1944	17,183	5,766
1945	14,766	4,743
Hydroxide—		
1944	2,462	98
1945	2,334	123
Nitrate—		
1944	11,160	.....
1945	[3]	.....
Oxide—		
1944	4,748	4,638
1945	6,253	5,965
Peroxide—		
1944	[3]	[3]
1945	[3]	[3]
Sulphate (synthetic)—		
1944	[4]30,804	[4]18,720
1945	30,822	17,602
Other barium chemicals[5]—		
1944	[4]30,111	2,904
1945	36,412	4,405

[1] Includes purchased material.
[2] Black-ash data include lithopone plants.
[3] Included under "Other barium chemicals."
[4] Revised figures.
[5] 1944-45: Consists mostly of titanium dioxide-barium sulphate pigments, with small quantities of barium acetate, chromate, nitrate, perchlorate, and peroxide. Specific chemicals may not be revealed by specific years.

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Obituaries

Frank E. Davis

Frank E. Davis, secretary-treasurer of the National Gypsum Company, Buffalo, N. Y., since 1929, died in that city, July 26. He was sixty years of age. A native of Lynn, Mass., Mr. Davis joined the company as assistant to the president when it was organized in 1926.

Henry J. McGinnis

Henry J. McGinnis, supervisor in charge of the manufacture of smokeless powder at the naval powder factory at Indian Head, Md., during the war, died July 29. He was buried August 1 in Arlington National Cemetery.

John Howes Burton, president of Burton Brothers, textile converter, New York, died August 1 in his home on Long Island. He was seventy-seven years old and long had been a leader in civic affairs in New York.

William Jarden Coane, vice-president of the Ajax Metal Company, until his retirement recently, died in Philadelphia last week. He was seventy-eight years of age.

John J. Connell, a founder of the importing and exporting firm of Connell Brothers Company, San Francisco, died in Seattle, Wash., July 24. He was seventy-four years old.

Edmund J. Levine, former president of the Fiberloid Corporation, plastics manufacturers, died last week. Mr. Levine retired from the Fiberloid Corporation ten years ago which organization was subsequently merged with the Monsanto Chemical Company. Surviving are three daughters.

Frank J. Mahoney, president of Renick & Mahoney, oil equipment distributor, New York, died July 29 of injuries suffered in an automobile accident while driving to his home in Queens, L. I. He was fifty-three years of age.

Charles B. Sears, former president of the New York State Pharmaceutical Association and the New York State Board of Pharmacy, died July 31 at the age of eighty-three years. He was president of the Charles H. Sagar Drug Company, Auburn, N. Y.

ACS Activities

—Continued from page 7

American Chemical Society to aid in organizing the society's 110th national meeting, which will be held in Chicago September 9-13. Five vice-chairmen will assist Dr. Fred C. Koch, meeting chairman, in directing the various committees' preparations for the sessions.

Each of the vice-chairmen will have charge of several committees. Professor Frank T. Gucker jr., of Northwestern University, will supervise the work of the reception committee and committees on group meals, the convention's evening assembly, and women chemists.

Vice-chairman in charge of hotels and housing, meeting rooms, and accommodations for the society's employment clearing house is Dr. Walter M. Urbain, of Swift & Co.

Convention finances, registration and tickets will be under the supervision of Dr. Ervin W. Hopkins, of the Armour Laboratories, and public relations activities will be headed by Dr. Everett J. Hoffman, also of the Armour Laboratories.

Professor Thomas F. Young, of the University of Chicago, is vice-chairman in charge of equipment, personnel and related matters.

Akron

Dr. Paul J. Flory, head of the research department of the Goodyear Tire & Rubber Company, Akron, Ohio, has been elected chairman of the Akron section of the society. He succeeds Dr. B. S. Garvey, Jr., research chemist of the B. F. Goodrich Company.

Other officers of the section for 1946-47 are: E. B. Newton of the research department of the Goodrich Company, vice-chairman; R. D. Juve of the Goodyear research department, secretary, and Dr. H. A. Pace also of Goodyear, treasurer.

Dr. Flory became a research chemist in 1934 at the experimental station of E. I. du Pont de Nemours & Co., where he became interested in the polymer field. In 1938 he joined the basic science laboratory of the University of Cincinnati as a research associate, and from 1940 to 1943 he was a research chemist with the Standard Oil Development Company. He has been in charge of fundamental research at the Goodyear research laboratory since 1943.

Dallas-Fort Worth

Maurice O. Barr, technical represenative of the pigment division of the Eagle-Picher Lead Company in Dallas, Tex., has been elected chairman of the Dallas-Fort Worth Section of the society. He succeeds Thomas S. Bacon, chemical engineer of the Lone Star Gas Company, Dallas.

Other officers of the Section for 1946-47 are: Dr. Harold A. Jeskey, professor of organic chemistry at Southern Methodist University, chairman-elect, and Dr. H. Trueheart Brown, research chemist of the Magnolia Petroleum Field Research Laboratory, Dallas, who has been re-elected secretary-treasurer.

Wichita

H. L. Bedell, chief chemist of the Socony-Vacuum Oil Company's White Eagle Division, Augusta, Kan., has been elected chairman of the Wichita section of the American Chemical Society for 1946-47. Several other representatives of the petroleum industry are among the section's new officers and executive committee members.

Mr. Bedell, who helped found the Section in 1927, is serving his second term as chairman, having held the post previously in 1928-29. A graduate of the University of Nebraska, where he received the degrees of Bachelor of Science in 1921 and Master of Science in 1924, Mr. Bedell also studied at the University of Iowa. He was a public school teacher for several years before joining the Socony-Vacuum staff at Augusta in 1926.

Section officers elected with Mr. Bedell are: Eldon Means of the Means Laboratories, Wichita vice-chairman, and B. F. Hartman, process engineer of the Socony-Vacumm White Eagle Division, secretary-treasurer. The retiring chairman, L. C. Krieder, head of the department of chemistry at Bethel College, Newton, Kan., was named to the society's national council.

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Stuart Oxygen Co. Names Will President

Donald J. Will, who has been associated with the Stuart Oxygen Company, New York, for the past twenty years, has been elected president of the company. He succeeds Patrick Coyne, who has been named chairman of the board.

Science Foundation Formed To Aid Inventors, Producers

The National Foundation for Science and Industry has been founded in Chicago by Alfred R. Babcock, who said his aim is to "bring the inventor and the manufacturer together." The foundation, he said, will issue a monthly "inventors' Digest" of new ideas, and will serve as a go-between for the idea men and the product-hungry manufacturers.

Wyandotte to Produce

—Continued from page 7

for captive use and will provide adequate supplies for the increased needs of Wyandotte customers in the paper, chemical, textile, and water purification industries. Improvements in the present method of producing caustic soda with special emphasis on the high quality requirements of the rayon industry are also a part of the expansion program. It is expected that production of bicarbonate of soda will be expanded to meet pressing needs from the baking powder, stock feed, leather tanning, textile, chemical and flour milling industries.

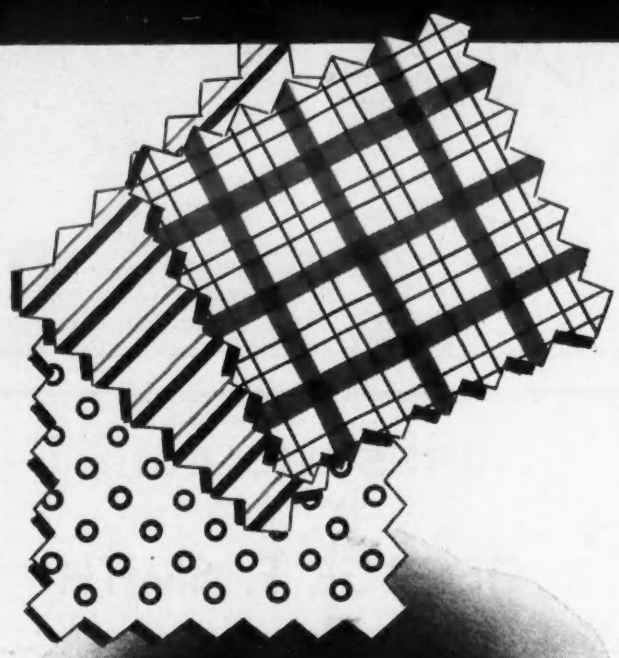
Capacity for Wyandotte precipitated calcium carbonate will be increased from two to five units, each of the three new units having 50 percent more capacity than the original units built in 1939. This expansion results from a 10-year research program during which Wyandotte chemists discovered in minute calcium carbonate particles properties not previously known. Through this development calcium carbonate has advanced from just "whiting" to the status of a fine chemical.

The calcium carbonate expansion is expected to be completed by January 1, 1947, while the other inorganic plants will not be finished until January, 1948. Altogether, the additional capacity for these inorganic products will approximate 600 tons per day. Also vitally important to the entire program will be the installation of new facilities which will approximately double the present steam and power production.

Expansion of staff is proceeding hand in hand with plant enlargement. Important additions have been made in the Michigan Alkali Sales Division headed by Vice-President Bert Cremers and J. B. Ford sales division headed by Vice-President C. B. Robinson. The construction phase of the program is under the direction of S. T. Orr, vice-president in charge of manufacturing.

In addition to the expansion program as outlined, Mr. Ford emphasized that Wyandotte's research and development work would continue to expand. Larger facilities for the commercial production of fine chemicals are being erected for many items now produced only on a pilot plant scale. Among these new chemicals are sodium xylene sulfonate and a variety of benzene sulfon derivatives, including benzene sulfonamide and alkyl benzene sulfonates.

Dependable Chemicals —by HEYDEN



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Textile and Leather Chemicals

Trading in sizing materials was quiet last week, because of the uncertainty of the price situation under the revised OPA act. Quotations of corn derivatives were adjusted and corn dextrin and pearl cornstarch were reduced fractionally and powdered cornstarch and tanners cornsugar were slightly advanced. Supply situation in these materials continued tight with the bulk of the production absorbed against former orders. Limited trading was reported at the new schedule, and buyers will be given credit for any lower prices that may be established by OPA. Potato starch was easier under increased offerings from mills. Prices were lower. Demand was inactive and the market was weak and nominal. Business in tapioca flour was reported at a standstill. Offerings for shipment were far above import ceilings, resulting in buyers practically withdrawing from the market. The trade it was stated had appealed to OPA last week to remove the ceilings on imports.

Conditions in tanning materials continued dull last week. Tanners limited inquiry to quebracho and wattle bark and extract for future delivery. The recent advance in wattle bark and extract placed prices above ceilings and buyers would have to receive permission from OPA to import these materials at the increased levels. Although divi divi was offered more freely for shipment, buying interest was slow, in view of the prevailing high asking prices.

Chemicals

Alumina, Acetate—Demand was reported fairly active with prices firm and unchanged. Shortage of barrels and drums has delayed prompt shipments. Basic solution, 24 percent, was quoted at 9½c. to 10c. per pound, bags, less than carlots, and 20 percent normal solution at 8½c. to 9c. per pound, same basis.

Bichromates — Conditions remain firm, with output moving steadily against former contracts. Resale material was in limited supply. Demand for export was reported active. Shipments were restricted and under government control.

Soda, Acetate — Prompt shipments were delayed by the shortage of barrels and drums. Demand was reported active. Anhydrous was quoted at 8.2c. to 9.2c. per pound, and technical 60 percent 4.7c. to 5.2c. per pound, less carlots, f.o.b. works.

Sizing Materials

Albumen, Blood—Market was firmer reflecting the higher cost of basic materials. Blood albumen was advanced 5c. per pound to 70c. to 75c. per pound, drums, Chicago, according to quantity. Dried blood, soluble, was unchanged, but was expected to advance should basic materials continue to increase in price. Carlots were quoted at 13½c. per pound, and less than carlots ranged from 15c. to 20c. per pound, as to quantity.

Albumen, Egg—Business was reported slow in edible grades. Scarcity of sugar, flour and syrup continued to restrict trading and sales were confined to small lots. Interest in technical increased and market was firmer. Prices ranged from $1.05 to $1.50 per pound, depending upon quantity and quality. Dried egg production during June totaled 15,761,000 pounds, compared with 9,177,000 pounds in June last year. This consisted of 14,149,000 pounds of whole egg, 295,000 pounds of dried albumen, and 1,317,000 pounds of dried yolk. Production of dried egg during the first six months of 1946 totaled 80,289,000 pounds, compared with 86,413,000 pounds during the same period last year. Purchases of dried whole egg by the Department of Agriculture this year to July 18 amounted to 71,000,000 pounds.

Dextrin, Corn—Prices were reduced from 16c. to 28c. per 100 pounds depending upon grade. Orders accepted were subject to the OPA clarification of the price structure and buyers would receive refunds should lower prices be established. British gum was quoted at $7.701; canary, $7.441; dark, $7.541, and white, $7.291 per 100 pounds, bags, carlots, New York basis.

Corn, Sugar—All grades were increased 2c. per 100 pounds. Tanners, chipped was advanced to $6.087 per 100 pounds, bags, and to $6.131 per 100 pounds, barrels, carlots.

Rice Flour—Arrivals totaled 1,000 bags at New York last week, from Brazil and consigned against former orders.

Sago Flour—Buying interest was light. Supplies on the spot were limited and small lots were quoted at 14c. per pound, in bags.

Starch, Corn — Processors made slight adjustment in prices last week. Pearl was reduced 1c. per 100 pounds and powdered was advanced 3c. per 100 pounds. Supplies continued light, with limited business accepted subject to delay in delivery. Processors announced that credit to buyers would be allowed of any lower prices established by OPA.

Starch, Potato—This market was easier under increased offerings from mills and the withdrawal of buying interest. Some business was reported at 16c. per pound, f.o.b. mills in Maine and Idaho, with additional offerings at this figure not taken. Supplies on the spot were reported light and less than carlots were quoted at 17¼c. per pound. Carlots were merely nominal at 17c. per pound, New York basis.

Tapioca Flour—Business was at a standstill pending the clarification of the import ceilings. The trade appealed to the OPA last week to remove the import ceilings, and no improvement was expected until some action is taken by OPA. Offerings for shipment from Brazil have been exorbitant of late, which resulted in a stalemate. Interest in manioc meal has been sharply reduced and shipments declined from $120 per ton, f.o.b. Brazil to $90 without attracting buyers. Some 33,159 bags of meal and flour were rejected because of filth and insect infestation, which will have to be used for industrial purposes.

Zein—Producers reduced prices 6c. per pound last week. Lots of 1,000 pounds or more were quoted at 25c. per pound and for less 30c. per pound, bags works.

Tanning Materials

Divi-Divi—Business was reported quiet though offerings for shipment were freer. Sellers were asking former quotations, with tanners showing little interest. Arrivals totaled 7,060 bags at New York last week for delivery on previous contracts.

Mangrove Bark—Trading was inactive and the market was reported entirely nominal. Offerings for shipment were available at former levels, with inquiry conspicuous by its absence.

Myrobalans — Conditions in this market were dull and featureless. Prices were unchanged, but merely nominal in the absence of trading. Offerings for shipment were liberal.

Quebracho Extract—Arrivals totaled 61,360 bags at ports on the Atlantic coast last week, for delivery against former orders. Inquiry for future requirements was reported keen, with offerings restricted. Market continued firm.

Wattle Extract—Recent advances for shipment which brought quotations above ceilings resulted in a stalemate in trading. Inquiry was fairly active, but trading was in abeyance until permission is obtained from OPA to purchase at the higher levels. Imports of bark were reported at 5,580 bales and 995 bags of extract at New York last week and were consigned against contracts.

Market Trends

Prices Advanced

Cornstarch, powd., 3c. per 100 lbs.
Corn sugar, tanners, 2c. per 100 lbs.
Egg albumen, tech., 5c. per lb.

Prices Reduced

Corn dextrin, 16c. to 28c. per 100 lbs.
Cornstarch, pearl, 1c. per 100 lbs.
Zein, 6c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
296.2	297.3	295.8	296.3

(For Current Prices see Page 9)

For Late Market Developments, See Page 4

ALBUMENS

OPD—8-5-1946 45

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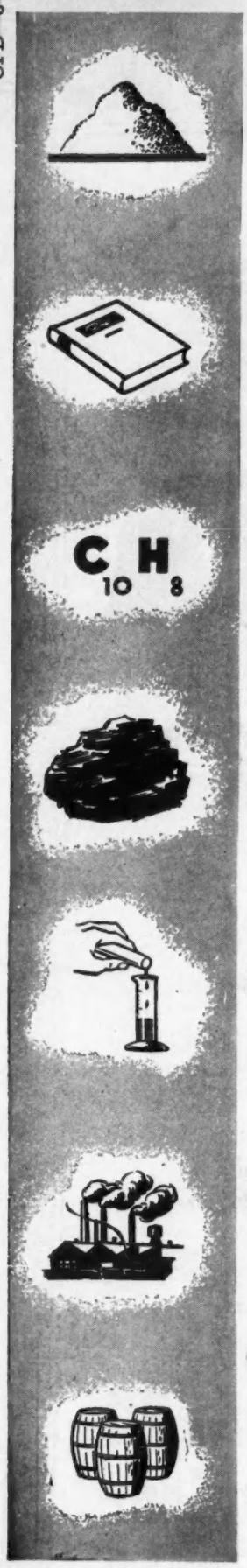
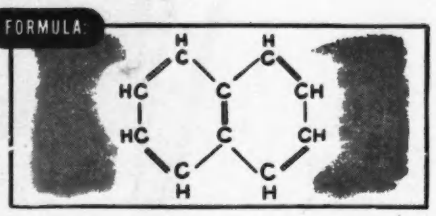


DEFINITION: A crystalline chemical compound of carbon and hydrogen found abundantly in coal-tar. It was early termed "tar camphor."

HISTORY: Naphthalene was discovered in coal-tar by Garden and Brande in 1819 and its chemical constitution determined by Michael Faraday in 1826. It was proposed for enriching water gas in 1862. Use for manufacture of naphthols for the synthetic dye industry commenced about 1873.

FORMULA:



SOURCES: Traces of naphthalene occur in certain vegetable products. Some naphthalene has been recovered from specially processed petroleum fractions, but the principal source of naphthalene has always been coal-tar.

CHARACTERISTICS: Pure naphthalene is produced as white crystal flakes or chips which melt at 79.4° C or above. It boils at 218° C. It vaporizes slowly at room temperature. It has a clean penetrating odor; is soluble in benzene, hot alcohol and ether, but is practically insoluble in water. It burns with a smoky flame.

USES: Serves as a moth preventive and insecticide for household, institutional and agricultural use; as a raw material for phthalic anhydride, dyes, waxes, tanning agents, pharmaceuticals and plasticizers.

GRADES: Industrial: 74° and 78° crude in tank cars and barrels: 79.4° refined in tank cars and as chipped, crushed or flake in barrels and multi-walled bags. Household: flake and ball in 16-, 12-, 10-, 8-ounce packages; flake and ball, powdered or rice form, in barrels, bags and 50-pound bulk cases.

This is one of a series of advertisements presenting information on basic coal-tar chemicals.

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Coaltar Chemicals

Steel production recorded another slight gain last week at 89.6 percent. Ordinarily this would indicate an increased output of coaltar chemicals. At present, however, labor difficulties have kept several plants of a major producer closed and this has added to the stringency prevailing in phenol, several intermediates and acids. At this time, the clarification of OPA policy has not progressed sufficiently to determine the actual effect on some of the recent price revisions in the basic chemicals. Meanwhile, competitive influences have tended to create price uncertainty in toluol and xylol. Naphthalene remained exceedingly short and no easement could be noted in either cresylic acid or creosote oil. Benzol held a fair degree of balance in this area but trade reports indicated tight conditions at some out of town points. Both grades of pyridin remained in short supply.

No appreciable improvement could be noted in the intermediates while some were tighter with possibilities of becoming acutely short. The hydrogenated solvents appeared to be working into better balance with demand not very urgent.

Steel operations for the week beginning July 29 were scheduled at 89.6 percent of ingot capacity, compared with 89.3 percent in the preceding week, according to the American Iron and Steel Institute. A month ago, the indicated rate was 87.2 percent. The present schedule is equivalent to the production of 1,579,100 net tons of ingots and castings, compared with 1,573,800 tons for the preceding week and 1,663,100 tons for the corresponding week in 1945.

Production figures in some of the following market reports refer to tar distillers and were released by the Chemical Division of the Tariff Commission unless otherwise specified.

Basic Products

Benzol—Available in limited quantities in this area but reported short at some out of town points. Export inquiry reported active with some business placed. Exports from January through April amounted to 3,212,000 gallons, compared with 493,000 gallons for the same period last year. Production in May amounted to 2,308,027 gallons of motor grade against 896,586 gallons in April. May showed the largest production for the first five months.

Coaltar—While production has increased, the rapid movement into consumption has prevented any easement in the inventory situation. Demand has kept well ahead of output leaving the market position definitely tight.

Creosote Oil—Supply position definitely tight. Attempts have been made to bring in 25,000 to 30,000 tons from the United Kingdom during the remaining months of the year. Production in May was 8,527,236 gallons against 10,052,000 gallons in April.

Cresylic Acid—No apparent easement in the supply position. Demand has kept ahead of production and the market has remained bare of additional offerings. Importations last week were 1,859 drums. Production in May registered 1,681,605 pounds, compared with 2,266,946 pounds in April.

Naphthalene — Production under pressure to meet demand for both crude and refined grades. Rapid movement to consumers has prevented any improvement in the inventory situation. May production of crude, less than 79° amounted to 15,280,487 pounds, compared with 17,660,149 pounds in April. Refined output of material solidifying over 79° was 7,889,395 pounds in May against 8,634,316 pounds in the preceding month.

Phenol—Labor difficulties at one of the major producing plants have seriously interfered with output. The supply is short of demand and the market holds a very tight position. Production in May was 17,219,914 pounds of synthetic and natural, compared with 18,438,959 pounds in April.

Pyridin—Stock position showed no appreciable improvement. Supplies of the pharmaceutical grades appeared to be tighter than the commercial varieties although demand for all descriptions was ahead of current production with no immediate relief in sight.

Toluol — Price situation was uncertain with producers of coaltar toluol meeting competition when necessary to hold business. The recent reduction in the price of petroleum toluol has temporarily unsettled the market.

Xylol—In a similar position to toluol and subject to the same competitive influences. Market situation unsettled at the close of the week. A definite price basis is expected to be announced shortly.

Chicago, Aug. 1 — Strength pervades the market for coaltar bases, and sellers are taking the position under the price regulation situation that representative products are worth more money. Benzol remains strong. Ruling prices exclusive of tax are:—Benzol, pure, in tankcars, freight allowed, 15c. per gallon; 10-degree xylol, same basis, 29c.; industrial xylol, same basis, 26c.; solvent naphtha, same basis, 27c.; 2-degree toluol, same basis, 27c.; creosote oil, grade 1, 15½c.

Hydrogenated Solvents

Gradual improvement in output is expected to place the market for these solvents in balance in the not far distant future. Supplies are relatively low at the present time on account of interrupted production but the possibility of nearby easement in stocks appears favorable.

Coaltar Acids

Anthranilic—Demand from regular dyestuff consumers has kept far enough ahead of production to check any improvement in the inventory situation. The same tight market position was reported.

Fumaric—Although production has increased, heavy backlog orders, mostly from the synthetic resin industry, have prevented any improvement in available stocks. Buying conditions were definitely tight.

H—Short of demand and moving chiefly to regular consumers. Market position not conducive to export trade although foreign inquiry was reported active.

Maleic — Production being shipped mostly to manufacturers of synthetic resins and protective coatings where the pressure for shipments continues exceedingly heavy. Stock situation definitely tight.

Other Intermediates

Anilin—Shipments of anilin oil have shown improvement. The inventory position has remained tight with only limited additional quantities available for domestic use. Production in May was only slightly above that of the preceding month. The totals stood at 6,721,261 pounds in May, compared with 6,624,185 pounds in April.

Metaparacresol—Inventory position remained tight. Production in May showed a substantial decline. The total registered 204,589 pounds,

Market Trends

Prices Advanced
None

Prices Reduced
None

Comparative Price Indexes
(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
128.6	128.6	127.3	129.2

(For Current Prices see Page 9)

Coke By-Products

Estimates of by-product coke-oven operations in the week ended July 27 indicate the following output of by-products from that source:—

Ammonia liquor NH_3	lbs.	975,603
Ammonia sulphate	lbs.	25,262,970
Benzol	gals.	3,183,545
Coaltar	gals.	11,809,925
Creosote oil	gals.	657,248
Naphthalene	lbs.	15,609,640
Phenol	lbs.	184,851
Toluol	gals.	666,709
Xylol	gals.	143,773

For Late Market Developments, See Page 4

Toluol

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against 748,565 pounds in the preceding month.

Monochlorobenzene — Production was increased in May. Total output amounted to 24,713,262 pounds against 23,011,332 pounds in April.

Paradichlorobenzene — Continued short of demand although some progress made with shipments. Supply position remained tight.

Phthalic Anhydride—No visible improvement could be noted in the supply situation. Production is said to have increased but not sufficiently to match demand where accumulated orders are far ahead of current output. The tight conditions in crude naphthalene have restricted progress in increasing output substantially. Meanwhile, demand is steadily expanding from industries that require enamel type finishes. Production in May showed 8,127,695 pounds against 9,216,851 pounds in April.

Coaltar Colors

Production of coaltar dyestuffs has continued to find a ready market mostly for domestic use. Latest export figures available show April shipments, exclusive of sulphur black and synthetic indigo, amounted to 2,565,000 pounds. India was first as a buyer, taking 30 percent, followed by Canada, China and Belgium in rotation. Domestic production in May appeared to average somewhat better than in April. Output of C.I. 202 chrome blue black R was 197,525 pounds. C.I. 581 direct black EW registered 934,968 pounds and C.I. 1114 anthraquinone vat blue BCS 20 percent, 226,767 pounds.

ODT Car Loading

—Continued from page 3

ing the war those plants turning out war materials could always rely on the War Department or some other agency to find the cars necessary for the movement of materials. Today, industries are without this aid and are on their own in solving their transportation problems.

As further evidence of the tightening situation, the Interstate Commerce Commission placed the open-hopper type of cars under the heavy demurrage charge order now applying to box cars and refrigerator cars. This is the first time that the hopper cars have been brought in under the order, which now includes every type of freight car with the exception of flat cars and tankcars.

The revised ODT order No. 1 prohibits any railroad from accepting, loading or forwarding any car containing merchandise unless such car is loaded to a minimum of 20,000 pounds. Exceptions apply to cars loaded to full visible capacity, peddler, pickup, war, trap or ferry cars, and cars loaded with explosives.

The revised ODT order 18A makes it unlawful for any person to offer or any railroad to accept any carload freight unless (1) the quantity equals or exceeds in weight the marked capacity of the car, or (2), if bulk freight in a closed car, such freight is loaded to the height required, or (3) the practicable stowage space is fully occupied or utilized. Explosives are exempted as in the case of ODT-1. Explosives are stated in the order to mean explosives or other dangerous articles as defined, listed in, and transported under "Regulations for Transportation of Explosives and Other Dangerous Articles" in Agent H. A. Campbell's tariff I.C.C. No. 4.

Of particular interest to the chemical industry, the revised order continues the permit system in effect under which shippers can apply to the ODT for special authorization to disregard the loading requirements upon a showing that the commodity cannot be loaded to the extent specified.

It was also noted that the revised order drops the exceptions that existed previously in the case of commodities which are under allocation. Heretofore any product which was under allocation control was automatically exempted from ODT-18A. This is no longer in the order and such commodities hereafter are subject to the requirements of all other commodities.

Malcolm E. Campbell, dean of the Textile School of North Carolina State College, will address a general market luncheon reviewing the progress of the North Carolina Textile Foundation, Sept. 10, in the Pennsylvania hotel.

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BETHLEHEM STEEL

Air Reduction Buys Eight WAA Plants

The Air Reduction Sales Company has purchased seven oxygen plants it operated during the war and will continue oxygen production, providing employment for approximately 70 persons, apart from office and administrative staff. The company bought a Flint, Mich., property for $102,100; a Rochester, N. Y., plant for $173,400; a Lima, Ohio, plant for $49,500; a Bettendorf, Iowa, plant for $59,000; and Emeryville, Calif., plant for $104,900; a Baltimore, Md., plant for $86,500; and a Milwaukee, Wis., plant for $70,800. The company has purchased an acetylene plant from WAA at Portland, Ore., for $130,000.

Chemical Salesmen Hold Golf Outing

Approximately 120 attended the Chemical Salesmen's Association golf outing at the Winged Foot Golf Club in Mamaroneck, N. Y., on July 24.

Among the winners were: Jack Henry, of Joseph Turner & Co.; L. Brennesholtz, of Centaur Company division, Sterling Drug Company; Charles Alexander, of L. Sonneborn Sons, Inc.; Paul Hiller, of Innis, Speiden & Co.; H. R. Miller, of McKesson & Robbins, Inc.; Wm. B. Mullen, of Joseph Turner & Co.; J. C. Abeles, of Faesy & Besthoff, Inc. Charles W. Frost, of Prior Chemical Corporation; R. C. Quartrop, of the Barrett division, Allied Chemical & Dye Corporation; Russell F. Dixon, of William D. Neuberg Company; George Uhe, of George Uhe Company; Tom Morgan, of MacNair-Dorland Company; C. W. French, of Oldbury Electro-Chemical Company, and E. L. Collins, of Chilean Nitrate Sales Corporation.

Labor Relations

—Continued from page 3.

over the official, top seniority agreement notwithstanding.

The court in the Gauweiler case is concerned lest a flagrant fraud be worked on the returning veteran by the union adding officers indiscriminately. It points out that the returning veteran has nothing to say about who are union officers, thus a grave danger exists whereby, if the top seniority provision of a union agreement be permitted to supersede the draft act, the veteran's seniority rights could be nullified.

It would seem to this reporter that the danger referred to by the court is more protential than real. In any event, the draft act does control and takes precedence over the top seniority provision as far as this court is concerned.

Unfortunately, the Gauweiler case cannot be taken as the final answer unless there is an appeal from it to the circuit court and possibly the supreme court and a decision thereon. In the meantime, the problem remains, with the employer standing in the middle.

Another Case in Supreme Court

For the employer to follow the decision in the Gauweiler case is probably his safest course. This would be particularly true if the "top seniority" provision had been agreed upon between employer and the union after the veteran entered the service and upon his return to his employment.

The answer to this problem might, however, evolve indirectly through still another seniority case (Trailmobile) which, fortunately, the supreme court recently accepted for hearing and determination. There the precedence of the veteran's greater length of service was denied by reason of the operation of a union agreement clause fixing a date for seniority calculation purposes postdating the date of the veteran's original hire.

The question was which would control in determining the veteran's seniority status. The Federal circuit court held that the draft act superseded the union agreement so that the veteran may figure his seniority to the date of his original hire which predated the union agreement. The supreme court's decision in this Trailmobile case will afford a more definite course of action for employers in these veteran seniority situations. Until such time, uncertainty between veteran seniority and union official "top seniority" must remain.

"The Pioneer," published monthly by the Niagara Alkali Company, New York, features an article on "Chlorine Improves Activated Sludge."

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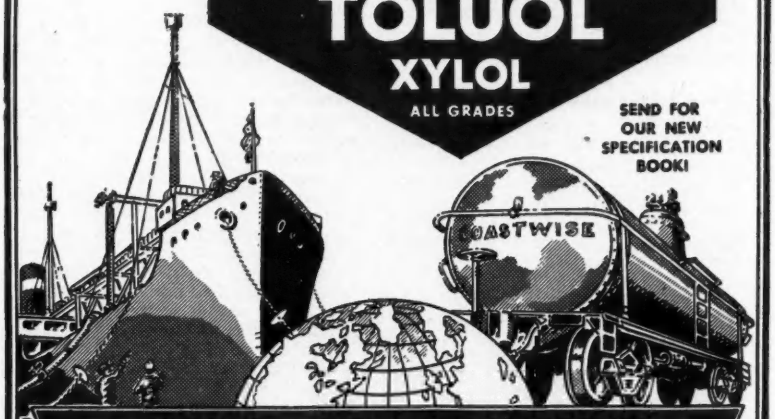

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Agricultural Chemicals

Higher ceiling prices have finally been announced for sulphate of ammonia by OPA. The increase on sales to fertilizer manufacturers in states east of the 100th meridian is expected to provide better distribution because sellers are not required to absorb freight costs and to encourage increased production. No increase has been provided in the 11 western states because no evidence has been presented to indicate need for price adjustment there. Producers' prices of superphosphate have been revised upward by OPA, the advance averaging about $1.00 a ton. An advance of $5.50 per ton was also granted on imported nitrate of soda. This increase was made in consideration of the world-wide fertilizer shortage and because Chilean producers indicated they were unwilling to continue supplying the United States at current ceilings.

Prices for packing-house by-products were unchanged at the recent advance. Castor pomace prices were placed back under former ceilings. The situation in fish meal and fish scrap was not clarified although a definite ceiling was expected.

Export shipments of fertilizers and fertilizer materials totaled 109,000 short tons with a stated valuation of $2,380,000 in April 1946 and were more than double those shipped a year earlier, according to the National Fertilizer Association. However, it should be remembered that the war was just coming to an end in Europe in April 1945, whereas, this April every effort was made to get shipments of vitally needed plant food to Europe and Asia to help in their spring plantings.

Imports of fertilizers and fertilizer materials in April 1946, totaling 146,000 s hort tons and valued at $4,072,000, were just a little above those imported during April 1945 but were 25 percent less than the imports two years ago. During the 10 months, July through April, 1,120,000 tons of fertilizer and fertilizer materials were shipped and were valued at $19,991,000, an increase over the same period a year ago of 84 and 79 percent, respectively.

Market Trends

Prices Advanced

Ammonia sulphate, $1.80 per ton.
Soda nitrate, imported, $5.50 per ton.
Superphosphate, normal, $1 per ton.
Triplesuperphosphate, $1 per ton.

Prices Reduced

Castor pomace, $2.85 per unit ton.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
72.1	71.8	71.8	71.8

(For Current Prices see Page 9)

Nitrogenates

Ammonia Sulphate—Producers' maximum prices, f.o.b. point of production, have been increased an average of about 10 percent in all but 11 western states, the OPA has announced. The new ceiling is $30 per ton, bulk. The states in which this action, effective July 27, does not apply are Washington, Oregon, California, Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah and Wyoming. Previously, ammonia sulphate was priced in most of the country on a delivered basis with restrictions on freight charges designed to provide uniform prices to buyers located in the same area. Under allocation controls requiring proper distribution, this pricing method worked satisfactorily. With allocation controls removed and the producer required to pay the freight, the area of distribution has tended to narrow down to the area nearest the coke ovens where sulphate of ammonia is produced.

Castor Pomace—According to trade advices, this material is revised back to its former ceiling price of $3.15 to $4.75 per unit ton, carlots, works. Last sales were reported at $6.

Dried Blood—This material, along with bone meal and tankage, is reported to be classified as a feed product and is exempt from price control until August 20. Stocks of all these materials were not in free supply, although occasional sales went through at the recent advances. Imports last week included 9,635 bags of tankage and 1,992 bags of liver and glandular tankage from South America.

Fish Scrap—Both scrap and meal assumed a rather nominal position. The trade expected some announcement by OPA of definite ceiling prices.

Soda Nitrate—Importers' ceilings have been advanced $5.50 per ton for bulk and bagged by OPA. In accordance with amendment 12 to revised maximum price regulation 205—fertilizer raw materials—effective July 27, the new ceiling is $35.50 per ton, f.o.b. cars at the importer's port warehouse from which delivery is made. The increase corresponds to that made in the selling price of Chilean suppliers because of the removal of the subsidy and increased costs of production and transportation. Farmers will pay about 12 percent more for this fertilizer material. There was no change announced in domestic quotations.

Phosphates

Phosphate Rock—Position heavily sold ahead at present with no easement in sight. Exports declined to 45,130 tons in April as the result of smaller shipments of Florida hardrock and other types. The tonnage of Florida land-pebble exported showed an increase, however.

Superphosphate — Higher ceiling prices have been established by OPA. The increases, effective July 27, reflect additional labor costs and costs arising from recent freight rate increases ranging from three to 11.3 percent. A comparison of old and new ceilings at two important producing points follows:—Baltimore, Md.—from 65c. to 70c. per unit of phosphoric acid; Savannah, Ga.—from 57c. to 61c. per unit of phosphoric acid.

The amount of the increases will be added to ceilings at all levels and will be reflected in retail prices of mixed fertilizers and superphosphate, OPA said. This action is covered by Amendment 13 to Revised Maximum Price Regulation 205—Fertilizer Raw Materials. A revision in triple-superphosphate prices amounting to $1.00 a ton was also reported.

Potashes

No announcement of fertilizer allocations has been made to date but are expected this week. Chemical allocations have been announced. Shipments are going forward to fertilizer factories against future allocations in order to keep these plants working. Demand is exceedingly active with about 60 percent of the material available based on releases from Washington, according to trade reports.

Insecticides

Advance of the season has not revealed much improvement in inventories except in copper sulphate and rottenone. Distribution in the coal-tar chemicals was better but stocks remained definitely tight. There appeared to be sufficient pyrethrum but nicotine sulphate continued scarce and calcium arsenate was tighter than at any time during the season owing to an increased demand and restricted production resulting from the short supply of arsenic. Production of DDT is reported to be under contract for the balance of the year.

May output of DDT was slightly less than April but was considerably ahead of production during the first quarter average. The May total registered 4,079,607 pounds, compared with 4,139,852 pounds in the preceding month.

Sulphur and Pyrites

Buying interest continued active in sulphur with the tonnage movement meeting seasonal expectations. Stocks are fully sufficient to meet demand for both home and export requirements. Shipments of domestic and Canadian pyrites are moving to regular consumers on the basis of previous quotations.

For Late Market Developments, See Page 4

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Drugs and Fine Chemicals

Most price action in the market for drugs and fine chemicals last week traced directly to the revival of price control under the extended Office of Price Administration. Declines in castor oil, glycerin and silver bullion and salts were necessary when old OPA price controls went back into effect, thus restoring values to the levels prevailing when OPA passed out on June 30. Fermentation butyl acetate and alcohol sold in August will be at an advanced price schedule. Corn syrup was lowered.

For the most part, producers of drugs and fine chemicals had stood pat on prices during the period in which OPA price control lapsed. Realizing that OPA might be restored to authority, they were content to hold the line pending the ultimate disposition of price control by Congress. Therefore, when the agency was given a second life, they had no price roll backs to make. Under the new setup of OPA, it is likely that numerous petitions for price relief will come before that agency. Also, that group will be compelled to provide higher prices when the provisions for adding higher production costs are made effective.

Cadmium and bismuth metals were removed from price control by order of the new OPA on July 26. In the previous trading period, cadmium metal prices had been advanced but a check locally last week failed to develop any rise in quotations on cadmium bromide or iodide. The oxide and sulphite were also specifically removed from price control.

The castor oil situation was bad. One large producer reported its plant still struck. Others, perplexed by the OPA situation, resorted to the extreme of stopping all sales until Washington shall clarify the situation as to what prices may be charged. In glycerin, soapers and refiners who bought fats during the time when price control lapsed raised their inventories by about $5,000,000. With inedible fats prices now rolled back, they still have this higher cost raw material in inventory but cannot get any higher prices for glycerin. Nor do refiners expect OPA soon to grant them higher official ceilings.

Market Trends

Prices Advanced

Butyl alcohol, 3.6c. per lb.
Butyl acetate, 2.79c. per lb.

Prices Reduced

Castor oil, 3c. per lb.
Corn syrup, 5c. per 100 lbs.
Glycerin, dynamite, 3c. per lb.
high gravity, 3c. per lb.
refined, 3c. per lb.
Quicksilver, $2 per flask.
Silver bullion, 20c. per oz.
Cyanide, 19c. per oz.
Nitrate, 12¾c. per oz.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
218.8	219.6	218.1	214.6

(For Current Prices see Page 9)

Acetanilide—Production in May totaled 472,206 pounds of technical and U.S.P. material combined. This compared with 638,239 pounds produced in April, according to the latest report of the U. S. Tariff Commission.

Acetoacetanilide—Consumption was reported well maintained at the higher levels set in recent weeks. The undertone of the market was substantially firm.

Acetone—May production fell below that in April according to the latest figures compiled by the U. S. Tariff Commission. The May output totaled 26,046,575 pounds, against April at 26,316,490 pounds.

Acid, Acetylsalicylic—The decrease in May production was substantial according to the latest release of data compiled by the U. S. Tariff Commission. The May production totaled 975,168 pounds while in April the output was 1,013,525 pounds.

Acid, Ascorbic—The latest U. S. Tariff Commission statistical data on production failed to include figures on this vitamin. In April, the output was 44,014 pounds.

Acid, Citric—Seasonal weather has kept consumption at substantial volume controlled in considerable measure by the still tight situation in sugar—a situation that directly affects the ability of the soft drink trade to absorb the citric acid available. Normal consumption by the beverage makers must await that time when they can get all the sugar they can use.

Acid, Gallic—Holding very firm in line with the absence of any easing of production costs as related to what has to be paid for raw materials. Demand was well maintained at excellent levels.

Acid, Thioglycolic — Competition continued to be very keen and prices to be actually paid were more often than not arrived at by negotiation rather than arbitrary quotations made by the producers whose going quotations were minimum at $2 per pound.

Alcohol—Although OPA now functions again, the alcohol trade awaits authority to advance its prices on industrial alcohol. At the present time, goods are being sold under open invoices that are subject to later revision in accordance with such price levels as OPA may approve for the industry. Meanwhile, high volume of demand encounters a restricted present day production and its complete satisfaction depends on the government stockpile of alcohol in no small measure.

Bismuth Metal and Salts—Price control on bismuth metal has been removed by order of the Office of Price Administration. The order accomplishing this was issued July 26. A "free" market now permits the article to seek a level dictated by the world situation in the metal. An advance of substantial sort was recently ordered in London.

Butyl Acetate—The prices for August will be considerably higher than they were in July for fermentation material produced in Illinois and Indiana. Tanks will sell at 22.14c. per pound; tankwagons, 22.64c.; drums, carlots, 23.14c.; less carlots, 23.64¼c. Production of both butyl acetate and alcohol has been greatly curtailed by the shortage of grains. One large plant was actually closed for 60 days. Production won't resume until the supply of grain shows improvement.

Butyl Alcohol—Production in May dropped moderately from the April output, according to the latest data released by the U. S. Tariff Commission. The May total was 8,586,333 pounds of primary normal material as against 8,901,966 pounds produced in April.

Producers of butyl alcohol selling fermentation material made in Illinois and Indiana, advanced prices to establish a schedule for August prices; tanks became 24½c. per pound; tankwagons, 25c.; drums, carlots, 25½c.; less carlots, 26c.

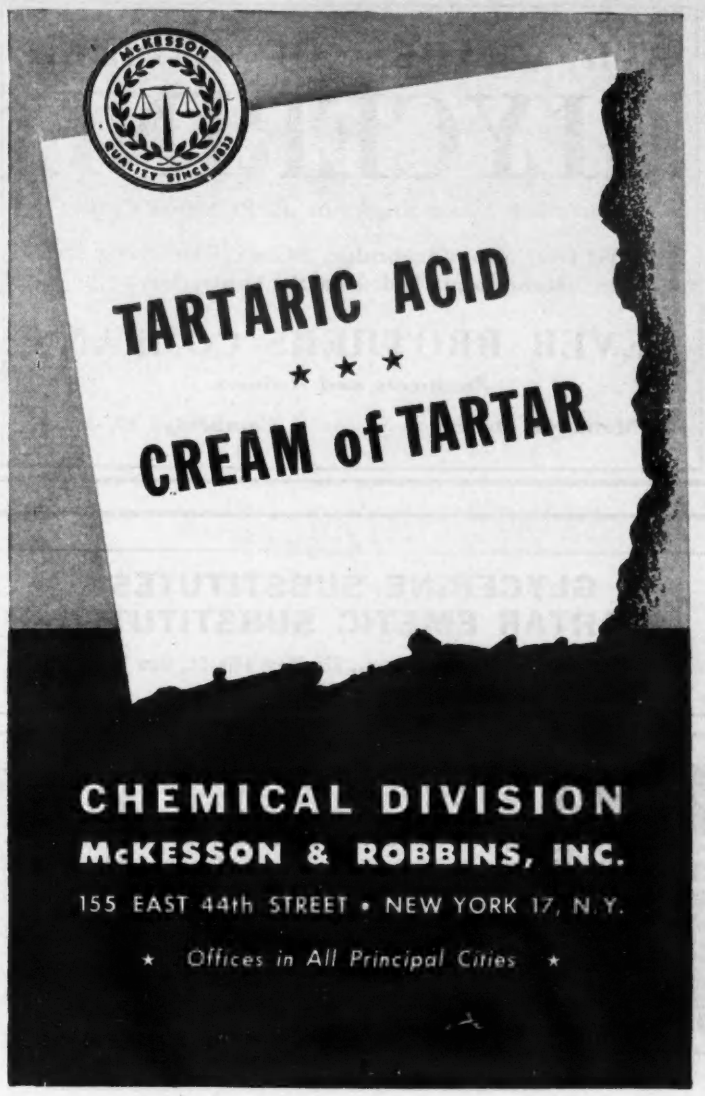
Cadmium—Under date of July 26, the Office of Price Administration removed this article from price control. The order also affects cadmium oxide and sulphide. Prices rose 30c. more and now are $1.30 to $1.50 per pound for ingots or sticks, and at $1.35 to $1.55 for patent shapes. To this writing, no change has been made in prices on bromide or iodide.

Caffeine—Prices on alkaloid passed back under OPA control and to this writing that body has said nothing regarding the price status for the future.

Camphor—The list of materials ordered free of price control did not include camphor so, presumably that article continues at price levels far lower than its present cost of production would seem to warrant. The future of price developments will depend on what happens to the price for turpentine under the present OPA setup.

Castor Oil—The producers are not quoting. Pending clarification of the industry's status under OPA as revived, the makers have stopped selling and quoting. In the previous week, a 3c. advance had been made in prices at time when price control was off. When Congress and the President revived OPA price control, it would appear that this advance had to be rolled back. But, instead of that, the industry has stopped selling and await fur-

For Late Market Developments, See Page 4



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ther developments in a well-muddled situation. Imports of beans last week were 12,471 bags weighing 1,870,650 pounds. This brought arrivals since January 1 to 855,802 bags for a weight of 128,370,300 pounds. This compares with 1,070,702 bags weighing a total of 160,605,300 pounds imported during the corresponding time in 1945.

Chicago, July 31.—Castor oil prices are: —Cold pressed, U.S.P., 15c. per pound, returnable drums, carlots; 15¾c., drums, less than carlots; tanks, 14¼c.; No. 3, extracted, 14¾c., drums, carlots; 15c., drums, less than carlots; 14c., tanks.

Corn Syrup—Prices on 42-degree syrup were reduced 5c. per 100 pounds. Carlots became $6.497 per 100 pounds; less carlots, $6.597.

Dibutyl Phthalate—May production slumped from that in April, according to figures on production provided by the U. S. Tariff Commission. The May output was 1,091,150 pounds, compared with April at 1,447,909 pounds.

Ergosterol—May production rose over April output. It was 4,747,771 million units, against April's 3,566,932 million units.

Ethyl Acetate—Production of 85 percent material in May was less than it was in April, by figures released by the U. S. Tariff Commission. The May output totaled 7,179,862 pounds compared with April figures at 7,610,356 pounds.

Ethyl Ethers—Output of technical and U.S.P. materials combined rose to 3,909,827 pounds in May from the April output at 3,486,949 pounds, according to the latest statistical data released by the U. S. Tariff Commission.

Formaldehyde — May production slumped sharply from the April total. According to the U. S. Tariff Commission, May production reached but 34,162,455 pounds while in April it had been 40,256,656 pounds.

Glycerin—Factum Est. And the rolling back of glycerin prices was done when the Office of Price Administration was revived by the President signing the extension bill in the previous week. Under the revived OPA inedible fats remains under price control. 'This means that numerous refiners now have on hand fats bought at prices about 4c. per pound higher than fats prices prevailing before the OPA expired on June 30. This means that their inventories are now about $5,000,000 higher than they were based on old OPA prices. Nevertheless, the glycerin refiners have had to roll back prices. Refined glycerin is, therefore, 18c. per pound in tanks; dynamite, 17¼c.; high gravity, 17¼c.; yellow distilled, 17⅜c. Imports last week were 1,645 drums from Buenos Aires; 39 drums from Montevideo, and 195 drums from Lisbon.

Chicago, July 31.—Glycerin prices are: —C.p., tanks, 18c.; drums, c.l., 18¼c.; l.c.l., 18¾c.; high gravity, tanks, 17½c. to 18c.; drums, c.l., 17½c. to 18c.; l.c.l., 18c. to 18¾c. Chemically pure 18c. per pound, tankcars, 18½c., drums, carlots; 18¾c., drums, less than carlots.

Methanol—Production of synthetic methanol slumped violently in May from the total of April output. The U. S. Tariff Commission figures on May production state that only 7,431,682 pounds were produced in that month. This compares with April output at 45,431,682 pounds. Since January 1, monthly production of synthetic was never less than 41,000,000 pounds. Production of natural methanol rose in May to 1,378,637 pounds from the April total to 1,229,449 pounds.

Niacin and Niacinamide—Combined production totals of these vitamins make May production but 65,512 pounds, compared with April output of 97,147 pounds.

Penicillin—May production increased over that in April. According to figures provided by the U. S. Tariff Commission, 2,678,000 million units were produced in May, while in April but 2,435,000 million units were made.

Phenobarbital—According to figures provided by the U. S. Tariff Commission, 41,313 pounds of this article were produced in May, an increase from the April total output of 35,684 pounds.

Quicksilver—Prices on the Pacific Coast have eased slightly. Spot was

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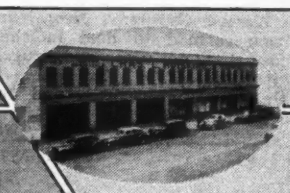

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down to $96 to $97 per flask. Demand was not excessive and requirements were supplied with little trouble.

San Francisco, July 31.—The quicksilver market here this week was relatively quiet. Little metal was being offered. Producers were quoting metal between $97 and $98 per flask, f.o.b. this city.

Riboflavin—Monthly production data on numerous fine chemicals and drugs as provided by the U. S. Tariff Commission failed to supply May production figures in the latest release made by that agency.

Silver—Revival of price control under the Office of Price Administration caused sellers of silver bullion to roll prices back to the level prevailing before OPA entered a coma on June 30 when the price control act was allowed to lapse. Therefore, bullion is now priced at 71.11c. per ounce as against a price of 90½c. per ounce that developed during the period in which price control was no longer effective. The same is true for silver bullion which goes back to 47c. per ounce, basic. Those are the prices but nothing was available thereat last week.

Thiamine Hydrochloride — Production dropped in May when 16,237 pounds were produced against the 19,183 pounds produced in April, according to the U. S. Tariff Commission.

Brandreth Pills Claims Modified by FTC

OPD Washington Bureau

The Federal Trade Commission has accepted from the Allcock Manufacturing Company, Ossining, N. Y., and Small & Seiffer, Inc., New York, a stipulation to discontinue representing that a laxative preparation designated as Brandreth Pills is in any way effective in the treatment of heartburn, stomach gas, sallow or dull skin or excess stomach acidity.

Allcock is engaged in the sale of the pills and Small & Seiffer handles the advertising.

Both companies also agreed to cease disseminating advertisements which fail to reveal that the laxative should not be used when abdominal pain, naseau, vomiting or other symptoms of appendicitis are present; provided, however, that the advertisements need contain only the statement, "Caution, Use Only as Directed," if the direction for use on the label or in the labelling carry a warning to the same effect.

The stipulation supplements an agreement approved by the commission May 4, 1938, in which Allcock agreed to cease and desist from other misrepresentations concerning the therapeutic properties of the product.

Sharp & Shearer Buys Evans Depilatories

Sharp & Shearer, Reading, Pa., has purchased Devans Depilatory Cream and Evans Depilatory Powder and will install complete machinery for manufacturing the two products in the Reading plant. The same distribution outlets will be used for the cream and powder as in the past.

Stearns Offers Essenamine In Chicago, New England

The Frederick Stearns & Co., division of the Sterling Drug, Inc., Detroit, is advising physicians in the New England and Chicago areas that essenamine-Stearns is available to them through hospitals and prescription pharmacies. Distribution is being limited to those two areas because of the lack of sufficient raw materials which limits greater production.

The company describes essenamine as a new partially-hydrolyzed protein concentrate derived from lactalbumin, which supplies in concentrated form all the essential amino acids.

Phosphorus Data Issued for 1943-45

Based on the chemical allocation records of the War Production Board, summaries of allocations data for phosphorus were prepared for the years 1943, 1944, and the first half of 1945. Over the entire period, the yearly disapperance of phosphorus amounted to between 160,000,000 and 180,000,000 pounds. About 34 per cent of the total was assigned to undistributable military end-uses, 75 per cent to foreign export, 22 per cent to food and fertilizers, 15 per cent to coatings and surface protection, 9 per cents to soaps and detergents, 4 per cent to petroleum refining, 3 per cent to pharmaceuticals and dentifrices, 2 per cent to matches and fire retardants, and 4 per cent to other miscellaneous uses. Data for the year 1944 are summarized in the table below. They represent wartime distribution with allocations made only for identifiable military uses and other essential requirements. Also, quantities allocated vary indeterminately from actual consumption but probably not by more than 5 per cent.

	Pounds
Total allocations	177,787,000
Direct military*	64,190,000
Foreign	5,507,000
Other uses	108,090,000
Foods and fertilizers	38,166,000
Plastics, coatings, and surface protection	26,253,000
Soaps and detergents	19,669,000
Petroleum refining	6,681,000
Matches and fire retardants	5,304,000
Pharmaceuticals and dentifrices	4,047,000
Miscellaneous uses and small orders	7,968,000

* End-use data not available.

Seaboard Distributors Agent for Sulframin

Seaboard Distributors, New York, has been named sales agent for three new synthetic organics manufactured by the Ultra Chemical Works, Paterson, N. J. The organic are sulframin N, sulframin DR and sulframin DHL concentrated.

Trade Briefs

John H. Bier has been appointed general production manager of plants for Clapp Baby Foods, Inc., Rochester, N. Y.

Komex Company, New York, has been formed to deal in chemicals, cosmetics, perfumes and drugs. It is incorporated by Ernest M. Strong, Matthew E. McCarthy and John M. Stratton.

The actual human requirement for "Capa" is still to be determined. However, published experimental evidence does suggest that a liberal amount of "Capa" can help any multi-vitamin formula to *stand out* and *stand up* as a *truly effective* vitamin therapeutic. Comprehensive tests on five animal species have shown them to require five to ten times more "Capa" than thiamin. Moreover, "Capa" deficiencies in these species are known to impair the function of heart, kidneys, stomach, intestines, skin, nervous system and certain glands—a variety of symptoms indicating strongly that Pantothenic acid is fundamental to life itself.

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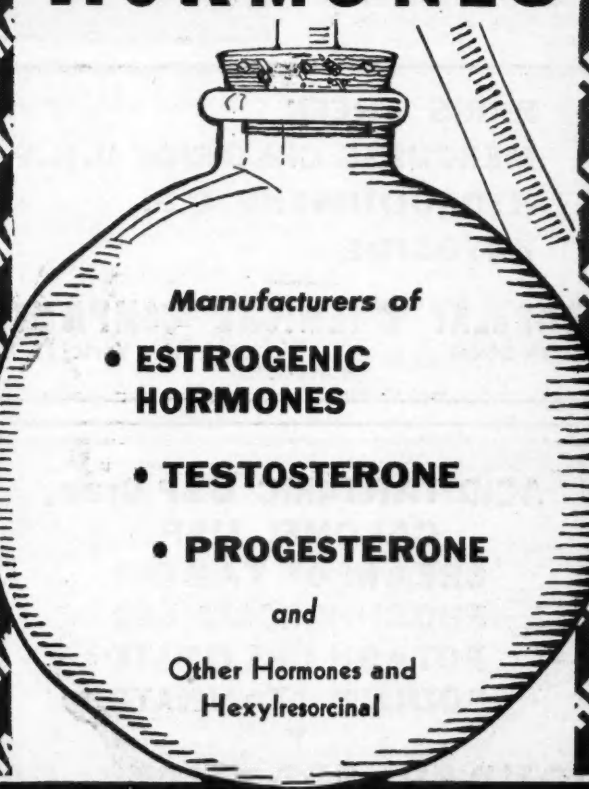

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ASTM Elects Carpenter President

Arthur W. Carpenter, manager of the testing laboratories of The B. F. Goodrich Company, has been elected president of the American Society for Testing Materials.

Mr. Carpenter had been vice-president, and for the last eighteen years had been secretary of the society's committee on rubber products. He has also served on the administrative committee on papers and publications, and on the executive committee from 1931 to 1933 and from 1941 to 1943. During the war he was a consultant on WPB. He is a member of the American Institute of Chemical Engineers, American Chemical Society, National Society of Professional Engineers and American Institute of Chemists.

WAA Pipeline Extension Offered for Sale or Lease

OPD Washington Bureau

The government-owned, 179-mile Plantation Pipe Line Extension, constructed as a war emergency facility to transport refined petroleum products from Greensboro, N. C., to Richmond, Va., has been declared surplus and is offered for sale or lease by the War Assets Administration.

Air Cargo Rates To Europe Lowered

American Overseas Airlines has placed into effect a new single air express rate between the United States and Europe which is equal to or lower than the lowest rates previously in effect on three weight classifications. The new rates will result in savings of 14 to 25 percent to shippers, according to the company.

Dr. W.B. Fortune Gets Army Legion of Merit

Dr. W. B. Fortune, a research chemist for Eli Lilly & Co., pharmaceutical manufacturer, Indianapolis, has been decorated with the Legion of Merit by the Army in which he served as a Lieutenant Colonel during the war. He recently returned to the company after more than five years service in the intelligence branch.

Wintersmith Chemical Co. To Open N.Y. Offices

The Wintersmith Chemical Company, Louisville, Ky., will open offices at 220 Broadway. The company, which manufactures and distributes medicinal products, is headed by W. B. McFerron.

Szymczak to Aid Clay In U.S. Zone in Germany

OPD Washington Bureau

M. S. Szymczak, a member of the board of governors of the Federal Reserve System for the past thirteen years, has been appointed to the staff of Lieutenant-General Lucius D. Clay as Director of Trade and Commerce in the United States zone of Germany.

He will have direction of military government activities involving price control in Germany and the establishment of inter-zonal trade agreements between the four zones into which Germany is now divided, in addition to his activities in the field of foreign trade.

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Pharmacists Duties In Army Broadened

Additional duties for pharmacists in the Army Medical Department have been outlined in plans submitted to the War Department General Staff by Major-General Norman T. Kirk, the Surgeon-General.

In General Kirk's plan legislation will be sought to organize a Medical Service Corps which will place Pharmacy, Sanitary and Medical Administrative corps under one table of organization. Provisions are made for a pharmacist officer to serve in the Office of the Surgeon-General. That officer will act as adviser to the Surgeon-General on all pharmacy matters and will direct pharmaceutical activities of the medical department.

Utilizing pharmaceutical training and aptitudes to the utmost, pharmacist officers will be charged with the purchase, examination, shipment, storage and standardization of the drugs and medical supplies required by the army. They will coordinate the preparation of supply tables and aid in preparation of standards of drugs and medical supplies.

They will be in charge of all types of medical supply depots as well as subordinate positions in the depot. And they will be named assistants to surgeons in battalions and regiments, as commanders of headquarters and medical battalion units, adjutants, medical and general supply officers and laboratory officers in medical and general laboratories. Further, pharmacists will be qualified to serve in multitudinous hospital capacities, and in combat organizations, they will serve as medical and general supply officer, to medical groups and battalions and command ambulance units.

Rheem de Mexico Names Mexico City Plant Head

Appointment of Raymond H. Van Saun as manager of its Mexico City plant, has been announced by the directors of Rheem de Mexico S.A., who operate the new company in cooperation with Rheem Manufacturing Company, shipping containers, New York. Mr. Van Saun presently is in the United States to arrange for the shipment of machinery for the new factory now rising at Tlalnepantla, an industrial suburb of Mexico City. Production of steel shipping containers and inexpensive water heaters and space heaters for the Mexican market is scheduled for the third quarter of this year.

Prior to joining Rheem as assistant plant manager of the Richmond, Cal., plant, Mr. Van Saun was associated for ten years with Container Corporation of America.

Libbey-Owens-Ford Names Ashley Public Relations Head

James M. Ashley, for the past several years in charge of the Washington office of Libbey-Owens-Ford Glass Company, Toledo, Ohio, has been appointed director of public relations, succeeding the late North A. Wright.

Trade Briefs

Idee Specialty Company, New York, has been formed to deal in plastics. It is incorporated by M. Murray Simon, Nathan Lottman and Irving Finkelstein.

The D. & Z. Dental Instrument Company, New York, has been formed to deal in diamond and dental instruments. It is incorporated by Hans Ostermann, Berta Ostermann, and Paul E Oberley.

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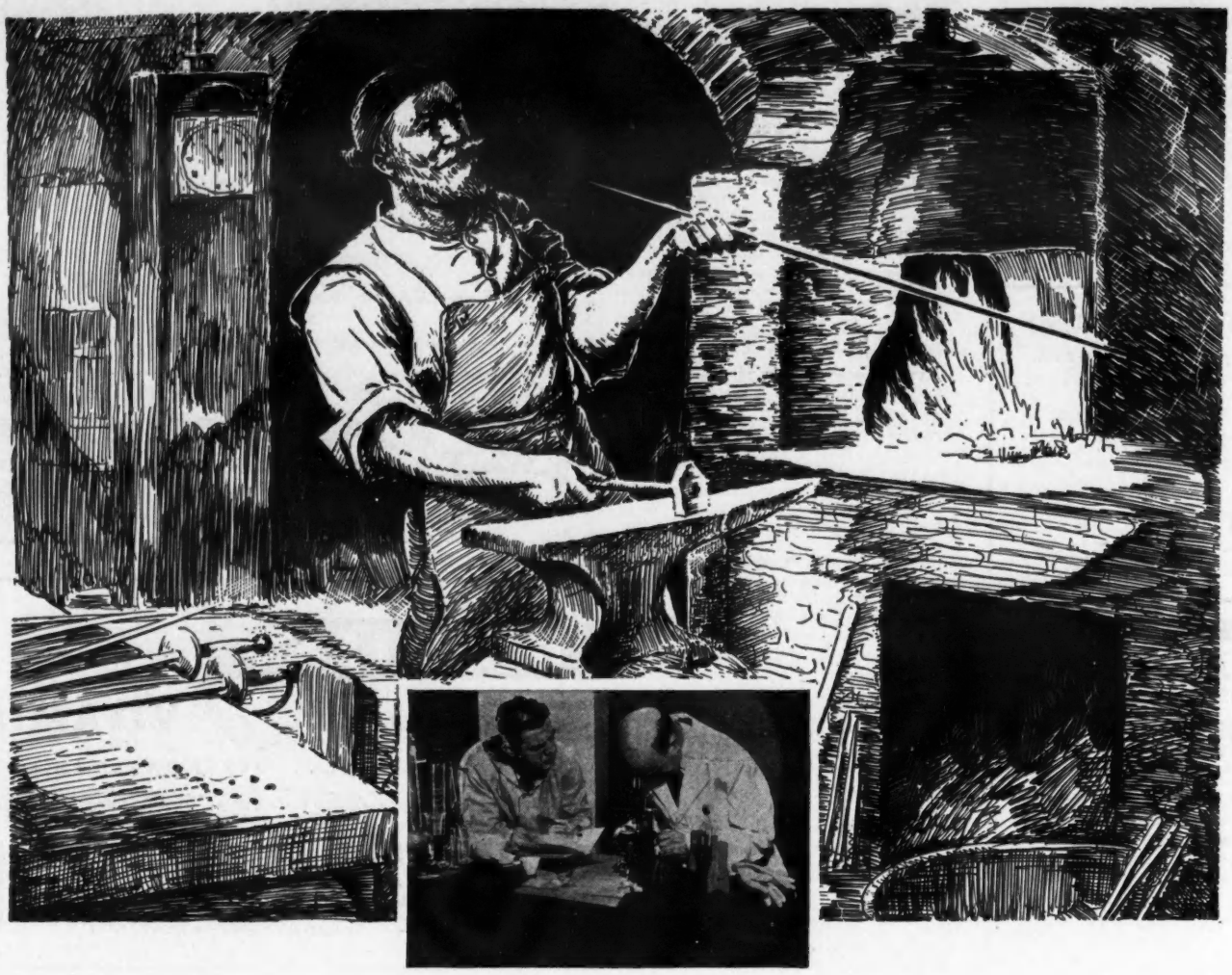

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Botanical Drugs, Spices, Gums

The price trend in medicinal botanicals was mainly downward last week, but that in condimental and flavoring botanicals was mixed in almost equal proportions of ups and downs in price. The great majority of botanicals stood in steady price position though there was possibly somewhat more tendency to meet buyers' views in some items.

Demand through the market as a whole barely simmered last week. Midsummer dullness prevailed throughout the entire week and demand at low ebb seemed likely to remain a market feature at least until after Labor Day.

Consumers in the market wanted nothing but their immediate and pressing requirements. Such business built a comparatively low total volume of transactions but it was also unproductive of basic price unsettlement. Dealers were content to wait quietly for the normal resumption of major purchases, a development set for the fall months at the latest.

The successful termination of the Peace Conference now being held in Paris may have an ultimate effect on the movement of European botanicals to the spot. At the present time, this country still is at war with sections of Europe from whence comes much botanical merchandise in times of peace. When treaties are signed with the vanquished, financial conditions may develop betterment and an approach to normal commercial intercourse with former shippers of botanical drugs will be that much easier.

Balsams

Peru—Very steady but stocks have decreased considerably and arrivals of replacement balsam have been less than necessary if consumer requirements over a considerable period of time are to be protected.

Tolu — Only limited stocks were available and small lots were the rule in most sales to manufacturing consumers.

Barks

Angostura—Some bark has been offered to come forward and limited quantities are expected. August arrivals were mentioned at 35c. per pound.

Cascara Sagrada—Most sellers expect prices to assume firmer position now that the decline in the primary market has been succeeded by a market of more firmly maintained prices at the source. Leading pharmaceutical houses bought substantially in the primary market when values declined there and the stocks warehoused for ageing were said to protect their future requirements well into the future.

Cinchona—Dependence still is on Central America for this bark, but there is reason that shipments of long and short quills will be resumed in the not far distant future from the Netherlands East Indies.

Cramp—The supply is likely to be short and a period of firm prices seems a ready prospect. The more pressing of manufacturing needs seem to have been covered moderately well.

Sassafras — Select bark was not stocked in normal quantities, but fair sized holdings have been warehoused by dealers against the larger demand certain to arise around the first of next year.

Beans

Tonka—Prices in Brazil were very firm. Arrivals have been relatively light of late and the spot market has gained firmness as stocks showed contraction here.

Vanilla—Although the outlook was good for the next crop of Mexican beans, that fact plays little part in the present market on spot where stocks are on the short side and demand accounts steadily for the material available. Prices here were strongly maintained and they certainly were no cheaper in the French islands upon which this country has to depend for its major supplies at this time.

Berries

Buckthorn—Holdings were conservative enough to alone maintain quotations for spot deliveries. Little replacement material was said to be in sight.

Juniper—Trading was slow locally, but the market retained a steady undertone and prices stayed in line with the present cost of replacements.

Flowers

Arnica—At least twenty-one bales of the recent arrival of this item were ordered detained by the Food and Drug Administration on the basis of unsatisfactory quality. This makes for a spot market lacking in more than very small stocks and holds prices firm.

Calendula—Imports have made their presence felt. Prices have declined to $1.50 to $1.60 per pound.

Elder—Detention of thirty-one bales of flowers arrived from abroad kept spot stocks from a needed increase and made for much firmness as regards spot quotations last week.

Rose — Slightly more competition was noted by reason of more goods being available for prompt delivery. However, open quotations lacked quotable change.

Rosemary — Trifling stocks were available locally. Little demand was current to test the price views of sellers, but no weakness or unsettlement appeared on the surface of the market.

Gums

Aloe—Arrivals of gum from Curacao and Aden have turned prices toward buyers. Curacao gum was down to 42c.

Market Trends

Prices Advanced

Drugs

Grains of Paradise, 8c. per lb.
Papain, powdered, 75c. per lb.

Other Articles

Cumin seed, Indian, futures, 2c. per lb.
Persian, 1c. per lb.
Syrian, 2c. per lb.
Laurel leaves, Greek, 2½c. per lb.
Portuguese, 1¼c. per lb.
Paprika, Chilean, ½c. per lb.
Pepper, black, 7c. per lb.
red, chillies, Mexican, 1c. per lb.

Prices Reduced

Drugs

Aloe, Curacao, 5c. per lb.
Calendula flowers, 50c. per lb.
Hyssop herb, 15c. per lb.
leaves, 5c. per lb.
Kamala, 5c. per lb.
Tamarind, West Indian, ¾c. per lb.

Other Articles

Anise, star, 4c. per lb.
Mexican, futures, 1½c. per lb.
Cassia, Chinese, select, rolls, 4c. per lb.
broken, select, 3½c. per lb.
Marjoram, Chilean, ½c. per lb.
Mustard seed, Montana, yellow, 1c. per lb.
Washington, yellow, 1c. per lb.
Turmeric root, Madras, 1c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
289.9	289.9	289.3	234.1

(*For Current Prices see Page 9*)

Imports Detained by FDA

Week Ended July 26

New York

Aconite root, 3 bales: filthy.
Amyris oil, 1 drum: not N.F.
Arnica flowers, 21 bales: filthy.
Cassia, 1,250 bales: insect infested.
Cassia oil, 9 drums: not U.S.P.
Chamomile flowers, 120 bags: filthy.
Cerea leaves, 5 bags: filthy.
Colchicum root, 20 bales: filthy.
Chillies, 62 bags: insect infested.
Coriander seed, 866 bags: insect infested.
Cumin seed, 295 bags: filthy.
Elder flowers, 31 bales: filthy.
Fennel seed, 59 bags; excess foreign organic matter.
Fenugreek seed, 350 bags: filthy.
Lavender water, 4 cases: short volume.
Manioc meal, 33,159 bags: insect infested.
Pimento, 455 bags: insect infested.
Rhubarb root, 38 cases: insect bored.
Senna leaves, 96 bales: filthy; excess foreign organic matter.
Valerian root, 27 bales: excess acid insoluble ash.
Wild thyme, 7 bales: filthy.

Philadelphia

Glycerin, 198 drums: not U.S.P.

For Late Market Developments. See Page 4

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During the war, American business gave an unforgettably inspiring demonstration of its unconditional readiness to serve the nation's interests. It did so without pressure, without stint. It required no legislation to produce the miracles of production which brought victory to us.

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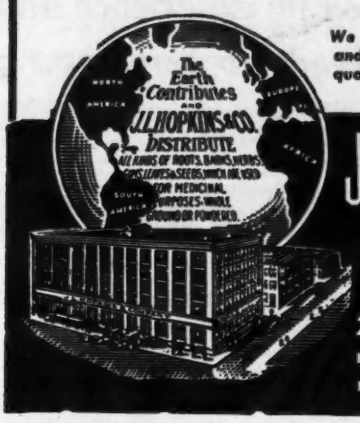

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CARAWAY SEED
CELERY SEED
CHAMOMILE FLOWERS
CHAULMOOGRA OIL
CLOVES, Zanzibar
COCILLANA BARK
COLOCYNTH PULP
COLOMBO ROOT
CORIANDER OIL AND SEED
DANDELION ROOT
DILL SEED, Indian
ERGOT OF RYE
FENNEL SEED, Indian
FOENUGREEK SEED
GENTIAN ROOT
GINGER, Jamaica, Calicut
GRAINS OF PARADISE
GUM ARABIC AMBER SORTS
GUM KARAYA, Whole and Powder
HELLEBORE ROOT WHITE
HERBA HERNIARIÆ
HERBE MENTHE
HOREHOUND HERB
IRISH MOSS
JUNIPER BERRIES
KAMALA POWDER
LAUREL LEAVES
LAVENDER FLOWERS
LINDEN FLOWERS, with Leaves
MAHUANG, Chinese
MARJORAM LEAVES
OAK MOSS
ORANGE OIL, Sweet
ORRIS ROOT
PEPPERMINT OIL
PIMENTO, Jamaica
POPPY SEED, Indian
PSYLLIUM SEED AND HUSKS
QUINCE SEED
RHUBARB ROOT
ROSEMARY LEAVES
ROSEMARY OIL
SAGE LEAVES
SARSAPARILLA ROOT
SAVORY
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to 44c. per pound according to quantity.

Arabic—Substantial arrivals failed to break prices of old line houses; the replacement costs have warranted maintenance of spot quotations. Imports last week totaled 7,858 bags from Aden.

Karaya—A further arrival from Bombay, India, totaled 399 bags of this material. The movement into consumption was reported to be steady enough to keep spot prices steady and well in line with replacement costs in the primary market.

Olibanum—Stocks continued to increase. A further arrival amounted to 160 cases from Aden. Tears failed of further price decline last week, but the market continued to develop an easier tendency.

Herbs and Leaves

Buchu—Prices were lower at 79c. to 80c. per pound, the spot developing sufficient competition to affect the local market that tended more closely to reflect replacement cost.

Henbane—The Soviet Union continued to export this article. An arrival of twenty-two bales from Leningrad was reported last week.

Henna — Stocks were increased thirty-eight bales by the arrival of such a parcel from Alexandria, Egypt. A slightly easier undertone developed on the spot.

Hyssop—Stocks have been increased sufficiently to encourage more local competition. Prices have dropped to the basis of 69c. to 70c. per pound for leaves and 60c. for herb.

Laurel—Spot laurel from Portugal was reported scarce. Prices were up to 13½c. to 14c. per pound. Cyprus was advanced to 21c. to 21½c. No stocks of Turkish material were offered.

Marjoram—Chilean was shaded to 9c. to 9½c. per pound for spot deliveries and futures were down to 8¼c. to 8¾c.

Miscellaneous

Grains of Paradise—Not too much spot stock was available and the few holders of the limited supply wanted upwards of 45c. to 46c. per pound last week.

Guarana—Powdered material sold down to $1.50 per pound last week and considerable local competition prevailed in a rather slow spot market.

Irish Moss—News from foreign parts showed that this item has been advanced moderately at the sources of supply.

Kamala—Prices were lower at 46c. to 48c. per pound, prevailing over than range according to quantity and seller. Demand was light to fair.

Papain—The supply situation was very tight and sales have been made at the higher levels of $5.25 to $5.50 per pound. Local importers believe that chances for further advances in the primary markets are better than good.

Tamarinds—More competition prevailed and the market was shaded to the basis of 12¼c. to 12¾c. per pound with few takers being present on spot during the past week.

Roots

Angelica—This root continued to arrive from Antwerp and the situation in spot prices continued to soften. Imports last week totaled four bales.

Barbasco — Plentiful supplies continued to reach this country from South America; the landing last week totaled 10,519 bales and all of it was for the account of the rotenone merchants.

Colombo—The primary market has succeeded in getting a further quantity of 742 bags through to this country where supplies had been reported shrinking steadily.

Ipecac—The spot market was better than $6 per pound, but very little stock was available for spot sale. An arrival of sixty-six bags from Cartegena and seven bags from Cristobal was noted.

Rhubarb — Low stocks and high prices were the rule. And more than a fair part of the recent arrival of Chinese root has been already delivered to manufacturing consumers.

Seeds

Anise—Much more competition prevailed locally last week. Chinese star seed sold at 21c. per pound during the period and at the week end, 22c. to 23c. per pound was the asking price.

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Elixir of Propriety

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Aloes, saffron, myrrh, and vinegar were combined by Bombastus von Hoenheim, a Swiss born Nov. 10, 1493, who took the name Paracelsus, who was described as ignorant and pretentious but whom history records as a great man of the great era in which Columbus discovered America. His botanical combination was called the Elixir Proprietat's. Its preparation was described as follows by the Dutch chemist Boerhaave in his *Elementa Chemiæ* of 1724:—

Take choice aloes, saffron, and myrrh, of each half an ounce, cut and bruise them, put them in a tall bolt-head, pour twenty times their own weight of the strongest distilled vinegar thereon, let them simmer together in our little wooden furnace for twelve hours; now suffer the whole to rest, that the fæces may subside, and gently strain off the pure liquor through a thin linen; put half the quantity of distilled vinegar to the remainder, boil and proceed as before, and throw away the fæces. Mix the two tinctures together, and distill with a gentle fire till the whole is thickened to a third.

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CRUDE BOTANICAL DRUGS From Forty Nations TRADE MARK

Mexican seed afloat was lower at 46½c. to 47c. per pound.

Celery—Spot prices remained at 26c. to 26½c. per pound, but futures from India were priced lower at 26c. to 26½c. per pound. Futures had been higher than spots in the recent past.

Cumin—Futures from India were advanced to 34c. to 35c. per pound and Syrian seed on spot was quoted at the same price level. Persian seed also advanced to 34c. to 35c.

Mustard — California brown advanced to 16½c. to 17c. per pound. Montana yellow went down to 27c. to 28c. Washington yellow remained nominal, but the price was lower at 29c. The outlook for the Montana crop was reported to have been improved by reason of recent rains. Wonder of the present mustard seed grown in Montana is a relative of the so-called "Jim Hill" mustard of the pioneer days. It was named for the famous railroad builder of that time.

Poppy—Danish seed was reduced to 26c. to 26½c. per pound and Dutch went down to 26½c. to 27c. None of the other varieties were changed in price.

Spices

Cassia—Selected rolls of Chinese cassia were reduced to 28c. to 28½c. per pound, and the broken selected was down to 27½c. to 28c. Export licenses are required on goods for shipment to all areas save other American republics.

Cinnamon—Exports of this article to other American republics requires a Federal export license.

Mace—Chances are that little West Indian mace will reach here in the future. The colonial government issues licenses for the export of mace at low prices but refuses licenses for goods bought at the actual prices now prevailing in the primary market.

Nutmegs—Shortage is almost certain unless the West Indies colonial government stops refusing export licenses on goods bought at the now prevailing prices at the source. At the moment, nothing costing more than 25c. per pound gets a license—and the actual market at the source is 45c.

Paprika—The sole price change came in choice Chilean which was advanced to 37½c. to 38c. per pound.

Pepper—The boys are having a nice time with black pepper and last sales were made at 55c. to 56c. per pound. Last week, the market was 43c. to 49c. Mexican long chillies were higher at 49c. to 50c. per pound.

Markets at Other Centers

Los Angeles, July 31.—Business in botanical drugs and spices was slow here this week. Short supplies limited trading. However, the call remained active. Ruling prices are:—

Marjoram — French type, 35c. per pound in dried form.

Sage—Dalmatian type, 40c. per pound for lots said to contain less than 12 percent stems. Sage guaranteed to contain less than 5 percent stems was quoted at 65c. per pound. Leucophylla was named at 32c. per pound.

Savory—French type, 75c. per pound.

Sweet Basil—90c. per pound for lots containing less than 12 percent stems.

Thyme—French type, 90c. per pound in dried and clean form.

Winthrop Chemical Moves Into New Ampul Building

The Winthrop Chemical Company, New York, is moving into its new three-story ampul building during the annual plant vacation period, July 29 to August 12, according to Dr. Theodore G. Klumpp, president. The building, the thirty-eighth operated by the company on its 29-acre plot in Rensselaer, N. Y., will be used exclusively for the manufacture of pharmaceutical preparations in ampules and injectible medicinal solutions. Production of more than 200 such products will be transferred from various other buildings to the new structure.

Construction of building No. 38 was started last March. A total of 50,000 square feet is provided.

Glass Containers Output Reported for June

The total production of wide-mouth glass containers in June, 1946, amounted to 3,629,075, of which 266,004 were used for medicinal and health supplies; 97,258 for chemical, household and industrials, and 137,649 for toiletries and cosmetics.

The total production of narrow-neck glass containers in June amounted to 5,051,381, of which 979,416 were used for medicinal and health supplies; 565,299 for chemical, household and industrials, and 515,743 for toiletries and cosmetics.

General Foods Unit Names Five New Vice-Presidents

The General Foods Corporation, New York, has appointed five new vice-presidents of General Food Sales Company. They are Charles A. Kolb, eastern division sales manager; George Black, central division sales manager; W. Parlin Lillard, staff division manager for special products; Richard H. Moulton, western division sales manager, and Joseph E. Zipf, southern division sales manager.

Trade Briefs

Goodyear Tire & Rubber Company has added Dr. Harold R. Mighton and Dr. Thomas G. Fox jr. to the staff of its research laboratory.

Century Aluminum Merchants Corporation, New York, has been formed to do business in metal, plastic and wood production. It is incorporated by Benjamin S. Fluhr, Jacob Newman and Philip I. Delfin.

U.N.O. Distributing Corporation, Hempstead, Long Island, has been formed to do business in cosmetics and hair preparations. It is incorporated by Charles N. Caldwell, Thomas A. McCarthy and Harry B. Davis, with T. Rose Clancey as attorney.

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Essential Oils, Other Aromatics

Sharp and upward revision in mace and nutmeg oil prices featured the market for essential oils and aromatic chemicals last week. Lemongrass resumed its upward trend, also, and expressed oil from California commanded higher prices in some quarters. Weakness was seen in Chinese anise, Italian bergamot, and caraway oils, all of which sold at lower levels throughout the period. The majority of products remained steady to firm in price and demand acted to the full support of values.

Another acute shortage in mace and nutmeg oils seemed in the making. News from the West Indies was that export licenses were being refused there for nutmegs sold in excess of 25c. per pound and for mace sold above 50c. As much as 45c. for nutmegs and 90c. for mace has been paid already at the source and these goods cannot be exported since they lack a license. The "why" of this is not clear but it appears to be political preferment and has made some exporters wrathy against the colonial authority.

The weakness in Chinese anise and Italian bergamot was in line with the recent trend and permeated the market in company with competition. Strength of orange oil was unrelenting and demand forced persistently the issue of inadequate supplies.

Market Trends

Prices Advanced

Lemongrass oil, 75c. per lb.
Mace oil, $1.50 per lb.
Nutmeg oil, $1.50 per lb.
Orange oil, expressed, California, 15c. per lb.

Prices Reduced

Anise oil, Chinese, 20c. per lb.
Bergamot oil, natural, 25c. per lb.
Caraway oil, 15c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
201.0	199.6	202.9	233.3

(For Current Prices see Page 9)

Essential Oils

Almond — Both bitter and sweet oils held firm in price and moved in volume comparing well with the call in recent weeks. Undertones were very firm.

Anise—Competition took its toll on prices last week, the market dropping to the basis of $1.70 to $2.75 per pound—though how any goods could be sold at the outside quotation is a mystery. Buyers bought close to actual requirements.

Bay—Steady to firm in most quarters. Buyers' taking were conservative but the available supply was of a side that worked toward the steady maintainance of recent quotations. Little competition prevailed locally.

Bergamot—Another decline in price put Italian oil down to the minimum of $4.85 per pound. The range remained to $6.50 as to seller, the latter prevailing on goods bought when the first lots of oil reached this market at a comparatively high cost in the primary market. It was a buyers' market.

Bois de Rose—The range widened until the market stood at $5 to $5.60 per pound last week. An arrival of 78 drums from Brazil was reported during the period reviewed. Prices held strong.

Calamus—The market was static. Action likely to produce price developments was lacking. It was a quiet but very firm market purely on the basis of the very small quantities of oil now available on the spot.

Cade—This article was shaded to 70 to $1 per pound last week, a competitive development arising when more than the usual amount of inquiry developed in local circles.

Camphor—No direct offerings have been received yet from Formosa but offerings through Chinese sources are expected. The main dependence on spot was white synthetic camphor oil at 15c to 28c per pound but some natural oil was quoted at $1.25.

Cananga — Direct importation, or trading, will be possible now that the Netherlands East Indies government has approved the return of private trade. Given shipping facilities, local dealers may be able to restore something akin to a normal supply.

Caraway—The obvious price weakness was extended further last week and quotations developed at $6.85 to $8.75 per pound. Competition has gained considerably. Also, for those who might distill in this country the price for seed has been weak and declining for some time past. All of which unsettles the oil market.

Cardamom—Not a trace of easing was reported in this oil. Raw material advanced some time back in India and the oil market added to its already substantially firm position.

Cassia—Something akin to price stability was noted in this article. Although the market was said to be subject to competition, open quotations lacked change and demand was insufficient to force values further in favor of potential buyers.

Cedarleaf — Quotations were lower at $2.55 to $2.70 per pound, ranging thereat according to seller. Demand was mainly for immediate requirements to manufacturing consumers.

Cedarwood — The price in drums ranged widely from 86c. to $1.15 per pound according to seller and the true position of the market was almost indeterminate. Activity was narrow most of the time.

Celery—The market was relatively steady. Buying was mainly routine and of the jobbing kind that kept total volume of sales conservative.

Citronella—No further arrivals from Ceylon were reported last week. The market was steady to firm and local conditions did not include much competition between dealers.

Clove—The smaller spice crop has tended to turn prices on both spice and oil toward firmer position. At least, no more shading of spot quotations was reported last week.

Coriander—Demand was usually for small quantities. Larger needs were in abeyance and yet spot dealers, faced by a well maintained replacement cost continued to maintain prices in firm position.

Dill—Both seed and weed oils remained steady. Sales to the picklers have engaged a substantial part of the domestic production at prices relatively attractive to the consumer.

Eucalyptus—No further price contraction took place. Although stocks have gained through an increase in arrivals from Australia, much of the arriving oil went directly into consumption, and the amount left for dealers' warehousing was relatively small.

Geranium—Prices in the islands remained firm and they certainly lacked any spot unsettlement. Demand pressed lightly on local stocks, but trade was more than sufficient to support prices.

Grapefruit — The position in both primary markets was very steady. On spot, dealers refused to shade prices, and they also reported the presence of steady consuming interest.

Lemon—Potential buyers of the 36,250 pounds of Italian oil offered through a government agency had until August 2 to submit competitive bids. A ready market exists for this oil and it would not be surprising if bids for the lot ran higher than the last price the government sold without competitive bidding — namely, $2.92½c. per pound. The consumer price remains at $3.25 per pound and is under OPA control.

Lemongrass—Prices were advanced sharply to the basis of $4 to $4.30 per pound. Arriving stocks move directly to manufacturing consumers who need far more than they can get steadily.

Mace—Because of the sharp rise in prices for raw material, quotations on this article have been raised to $6.50 per pound.

Nutmeg—The market is no lower than $6.50 per pound, a price said to be warranted by what has already been paid for raw material in the West Indian primary market. However, it was reported that no nutmegs are being licensed for shipment from Grenada when the selling price is more than 25c. per pound—and sales have been made as high as 45c. while future deliveries are held on spot for 70c.

Orange—California oil was advanced to a minimum of $1.75 per pound and the largest producer on

For Late Market Developments, See Page 4

the Pacific Coast continued to get not less than $2 per pound for prompt deliveries. The whole market had a firmer undertone that matched the presence of good demand and no surplus of supplies.

Aromatic Chemicals

Heliotropine—Far from plentiful on spot and in good request. Prices strong.

Hydroxycitronellal—Because of insufficient supplies of raw material, sellers of this article are unable to issue firm prices to prevail on new business for prompt delivery. The market was purely nominal.

Ionones—The supply situation was so tight that normal sellers of this item were unable to supply firm prices. The situation continued to be acute.

Methyl Benzoate—Distinctly steady last week. Demand was routine but supplies continued to be moderate.

Union Carbide Assigns Nale to Toxicology Dept.

Dr. Thomas W. Nale, formerly plant physician of the South Charleston works of Carbide and Carbon Chemicals Corporation, New York, has been appointed assistant manager of the industrial toxicology department of Union Carbide and Carbon Corporation, the parent company. Dr. Nale served as a director in the West Virginia State Department of Health from 1938 until 1941, when he joined the staff at the company's South Charleston plant.

Van Ameringen, McGlumphy Enroute to Europe by Air

Arnold L. van Ameringen, president of van Ameringen-Haebler Inc., New York, left for Paris by plane on August 4 for a month's visit with associates and principals in the perfume and flower oil industries of France, Holland and England. Accompanying Mr. van Ameringen on his tour were Dr. James H. McGlumphy, vice-president in charge of the flavor department of the organization.

Aromatic Products Again Represents Robertet & Cie

Aromatic Products, Inc., New York, has resumed the sale of aromatic chemicals and essential oils produced by P. Robertet & Cie, Grasse, France, following the visit to the United States of Max Roca, representative of the French concern. The American company has already received samples and certain stocks of the French products.

Dudde Gets WAA Region No. II Post

William Dudde has been appointed deputy director of regional disposals for the War Asset Administration's Region No. 11, comprising New York, New Jersey and Fairfield, Conn.

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Average Composition Weight %	GRADE						
	AA Purified	AA*	A** Purified	A*	B Purified	B	T
Sodium sulfonate	47	56	44	53	43	36	50
Mineral oil	46	21	47	26	47	38	13
Water	5	16	7	14	4.8	18	29
Salt (Na_2SO_4)	1.8	5.1	1.8	5.1	5.0	6	6
Free alkali as NaOH	0.2	1.9	0.2	1.9	0.2	2	2

PROPERTIES

Properties	GRADE						
	AA Purified	AA*	A** Purified	A*	B Purified	B	T
Combining wt. of acid	430	430	430	430	490	490	400
Solubility in water Least (1) most (4)	3	3	2	2	1	1	4
Forms oil/water (o/w) or water/oil (w/o) emulsions	o/w	o/w	o/w	o/w	w/o	w/o	o/w

USES

Uses	GRADES						
	AA Purified	AA*	A** Purified	A*	B Purified	B	T
Emulsifying agents	X	X	X	X	—	—	X
Solubilizing, wetting and dispersion agents	X	X	X	X	X	X	X
Plasticizers	X	X	X	X	—	—	—
Rust preventives	X	X	X	X	X	—	—
De-inking compositions	—	—	—	—	—	X	—
Fat splitting	—	—	—	—	—	X	X
Soluble oils	X	X	X	X	—	—	—

*In many uses the higher sulfonate content of these grades outweighs the lower salt and alkali content of the purified grades.
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These products are viscous oil-soluble liquids and are available in barrels or tank cars f.o.b. Whiting, Indiana.

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METHYL "CELLOSOLVE" STEARATE, a synthetic ester, is used as a plasticizer for cellulose derivative, paper coatings and wax finishes. The following data may suggest other uses.

Chemical formula	$C_{17}H_{35}COOCH_2CH_2OCH_3$
Molecular weight	342
Color (platinum cobalt scale)	175
Melting point	22° to 24°C
Flash point	378°F
Acidity	less than .6 mg. KOH per gram ester
Specific gravity	.888 at 25°/25°C
Iodine value	2 max.

Low volatility

* Trade mark of C&CCC

BUTYL STEARATE

BUTYL STEARATE, a synthetic ester, is used as a plasticizer for cellulose and polyvinyl derivatives, also for cosmetics, paper coatings and wax finishes. The following data may suggest other uses.

Chemical formula	$C_{17}H_{35}COOC_4H_9$
Molecular weight	341
Color (platinum cobalt scale)	130
Melting point	19° to 20°C
Flash point	358°F
Acidity	less than .6 mg. KOH per gram ester
Saponication number, 171-179 mg. KOH per gram ester	
Specific gravity	.85-.86 at 20°/20°C
Iodine value	2 max.

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Protective Coatings Materials

Business in the market for protective coatings last week appeared to be pretty much of a stop-and-go affair as sellers were awaiting clarification of the price status for the majority of the basic raw materials. On the demand side of the market, the short supply situation continued in prominence in all quarters.

Outstanding in development was the revocation of the recent advance in lead pigments as a result of the restoration of subsidies for lead and zinc mining interests. Prices for lead and zinc pigments were rolled back to June 30. Payment of the subsidies will be made for the July period, it was announced late in the week by the Office of War Mobilization.

Prices for certain paint products changed during the past week became effective too late for insertion in the Current Price section. However, such changes will be found in this review.

In shellac, the feature was the total stoppage of all selling, pending attempts of the importers and manufacturers to get price relief from the reimposed OPA price ceilings. Even an attempt of the government to buy shellac for the Panama Canal Zone failed because OPA ceilings prevented importers from buying the wanted shellac in Calcutta, where prices were almost 100 precent above the OPA ceiling. Trade was at a standstill where it will remain until OPA admits that shellac cannot profitably be sold at 35½c. per pound when it costs 65c. in Calcutta.

Market Trends

Prices Advanced

Butyl alcohol, ferm., 3.64c. per lb.
Butyl acetate, 2.79c. per lb.
Lithopone, 15c. per 100 lbs.
Methyl abietate, hydrogenated, 1¼c. per lb.
Red, Spanish, oxide, ¾c. per lb.
Zinc sulphide pigments, 15c. per 100 lbs.

Prices Reduced

Lead, metallic, 1¼c. per lb.
Lead pigments, ¼c. per lb.
Zinc, metallic, 1¼c. per lb.
Zinc oxides, 1¼c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
147.4	150.4	145.9	140.2

(For Current Prices see Page 9)

Metallic Lead and Zinc

Price for metallic lead and zinc reverted to the original old OPA ceilings of 8¼c. per pound. The feature in the market was an announcement by the Office of War Mobilization that subsidy payments will be made to lead, copper and zinc mining interests for the July period.

Pigments

Litharge—Revival of price control sponsored a strong buying movement in this market last week. Prices were reduced to those in effect June 29 as follows:—Commercial litharge barrels, carlots, delivered to Alabama, Arizona, Colorado, Florida, Georgia, Idaho, Louisiana, Mississippi, Montana, Nevada, New Mexico, Texas, Utah, Wyoming, and points east of the Cascade mountains or Oregon and Washington, 10c. per pound; to other points 9¾c. per pound. The price for less carlots, 5 tons, delivered to Alabama, California, Florida, Georgia, Louisiana, Mississippi, Texas, and points west of the Cascade mountains in Oregon and Washington, was 10½c. per pound, in Arizona, Idaho, Nevada, Utah, and east of the Cascade mountains in Oregon and Washington 11c. per pound. In Colorado, Montana, New Mexico, and Wyoming less carlots were offered at 10¾c. per pound, and at other points 10¼c. per pound.

Lithopone—The Office of Price Administration authorized a 15c. per 100 pounds increase in prices.

Orange Mineral — Reestablishment of the OPA with the accompanying lead subsidy caused prices in this market to revert to those in force June 29. The current prices are as follows: American, barrels, 5 tons, delivered to Alabama, California, Florida, Georgia, Louisiana, Mississippi, Texas, and points west of the Cascade mountains in Oregon and Washington, 14c. per pound; Arizona, Idaho, Nevada, Utah, and east of the Cascade mountains in Washington and Oregon, 14½c. per pound. Quotation for Montana, Wyoming, Colorado, and New Mexico was 14¼c. per pound, while for all all other points it was 13¾c. per pound. Prices on smaller lots ranged from 14¼c. to 15c. per pound, dependent upon delivery area.

Red Lead — The market continued active with indications that the return to OPA prices would encourage further buying. The listings at week's end were: 95 percent, or less, barrels, carlots (20 tons), delivered to Alabama, Arizona, Colorado, Florida, Georgia, Idaho, Louisiana, Mississippi, Montana, Nevada, New Mexico, Texas, Utah, Wyoming, and east of the Cascade mountains in Oregon and Washington, 11c. per pound; other points, 10¾c. per pound. Less carlots, 5 tons, delivered to Alabama, California, Florida and Georgia, Louisiana, Mississippi, Texas, and west of the Cascade mountains in Oregon and Washington were listed at 11½c. Less carlots to Arizona, Idaho, Nevada, Utah, and east of the Cascade mountains in Oregon and Washington sold at 12c. per pound. In Colorado, Montana, New Mexico, and Wyoming less carlots, 5 tons, were quoted at 11¾c. per pound, and to other points at 11¼c. Smaller lots were offered at 11¾c. to 12½c. per pound. Smaller lots to Alabama and so forth sold at 12 cents per pound dependent upon delivery area. Red lead, 95 percent, in oil, kegs, was listed at 15¾c. per pound.

97 percent red lead was quoted at a rate ¾c. per pound above the cost of 95 percent red lead in all cases, and 98 percent was quoted at ½c. per pound above the cost of 95 percent red lead in every instance.

Blue Lead—Prices were reduced and quoted as follows:—basic sulphate, barrels, carlots, 20-ton lots, delivered in the East, 8½c. per pound; delivered in Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Washington, Utah, and Wyoming, 8¾c. per pound. Less carlots delivered in the East were quoted at 8¾c. per pound, while those delivered in Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming were listed at 9c. per pound.

Blue lead, basic titanate, carlots, one delivery, freight allowed, in the East was 11c. per pound. Five tons, one delivery, freight allowed, in the East was 11¼c. per pound. Less than five tons, freight allowed, reverted to 11½c. per pound in the East. The Pacific coast listings were ¼c. per pound above the Eastern level.

White Lead—The market continued tight as producers taxed facilities in attempts to meet the demand of buyers. The reduction of prices to OPA ceiling levels resulted in the following listings:—basic carbonate, barrels, carlots, delivered to Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming, 10c. per pound; delivered to other points, 9¾c. per pound. Less carlots were quoted at 10c. to 10¼c. per pound, depending upon delivery area. Basic sulphate was 1¼c. higher.

Flake White—Barrels were listed at 11½c. per pound, kegs at 13½c. per pound.

Zinc Oxides—Producers who raised prices last month to coincide with increased price of prime western zinc were forced to return them to the June 30 level.

Zinc Sulphides—One producer advanced prices on these pigments by 15c. per 100 pounds.

Fillers and Extenders

Asbestos—Seasonal call remained at fairly high level and offerings were adequate during the week. No changes in quoted prices were reported.

Chalk—Demand remained fair, with principal consumers ordering in small lots. Prices were unchanged for both the imported and domestic grades.

For Late Market Developments, See Page 4

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Charcoal—No further price movements were reported since the adjustment granted early last month. Interest was fair.

China Clay—English grades were being offered in good quantity last week, with buying interest fair. In addition, domestic kaolin was more available to consumers. Prices on both the imported and the domestic materials were unchanged and firm.

Talc—Domestic fibrous grades were moving in good volume and increased offerings of the French and other foreign grades were noted. Prices were steady throughout the period.

Lacquer Materials

Butyl Acetate—One producer employing the fermentation process made an upward adjustment in price for the month of August. The advance was 2.79c. per pound and the new quotations were 22.14c. per pound for tankcars; 22.64c. for tankwagons; 23.14c. for carlots 23.64c. for less carlots; 27.64c. for five gallons and 29.64c. for one gallon. Production has been greatly curtailed recently and offerings during the period were small. Movement of supplies was at a low level. Demand remained very strong and far in excess of available offerings.

Butyl Alcohol—The same producer as above posted a 3.60c. advance in this material for the month of August. New listings were 24.5c. per pound for tankcars; 25c. for tankwagons; 25.5c. for carlots; 26c. for less carlots; 30c. for five gallons and 32c. for one gallon. Similar to butyl acetate, the shortage of grain and molasses resulted in a very tight supply situation. Demand remained exceedingly strong but movement into consuming channels was slow.

Dibutyl Phthalate—The two leading producers of this product continued to sell at previous prices, and will continue to do so until August 9.

Dry and Chemical Colors

Chrome Colors—The OPA, in amendment No. 4 to revised maximum price regulation No. 180, effective July 26, provides for prices for CP chrome greens as follows:—blue content up to 5 percent, 24c. per pound; 6-10 percent, 25c.; 11-15 percent, 26c.; 16-20 percent, 26½c.; 21-25 percent, 27c.; 26-30 percent, 27½c.; 31-35 percent, 28½c.; 36-40 percent, 30c.; 41-45 percent, 31½c., and 46-50 percent, 34c.

Prices for CP chrome yellows and oranges were amended to read as follows:—CP chrome yellows and oranges, 17½c. per pound; molybdate oranges, 32c. per pound.

OPA also modified ceilings for pulp reduced or flush colors containing chemical pure chrome green, chrome yellow, chrome orange, or molybdate orange. The ruling held that these colors may be increased by an amount equal to the percentage of such CP color contained therein, multiplied by the amount per pound listed below for the respective color, and rounded off to the nearest ¼c.; CP chrome greens, 1c. per pound; CP chrome yellows or oranges, 1¼c. per pound, and molybdate oranges, 1e. per pound.

The manufacturers' maximum prices established under RMPR 180 for any lead containing colors, other than CP chrome greens, CP chrome yellows and oranges and molybdate oranges, and those mentioned above, may be increased by an amount equal to the percent of lead contained therein, multiplied by 1¾c., and rounded off to the nearest ¼c.

Spanish Red Oxide—Because the costs of Spanish producers have mounted, this product was quoted at ¾c. per pound higher last week. New level was 5⅜c. to 8½c. per pound for grade No. 1 in carlots.

Varnish Gums

Activity in the varnish gum market continued slow last week due to unsettled conditions at supply sources and the irregular arrival of shipments to America. Exports from the Belgian Congo were increasingly slow pending settlement of petitions to the Belgian government for reduction in current export taxes. Stocks arriving here were quoted at such a high price that little interest was aroused among American buyers.

Japanese seizure and destruction of inter-island craft early in the war continued to hamper transportation from Pacific sources, seriously curtailing the gathering of sizeable stocks. Indications are, however, that initial shipments of Manila gums will soon be leaving Macassar for American markets.

Manufacturers hesitated to buy from current stocks without assurance that production could be maintained at a steady pace. Spot stocks in this market were generally unavailable. Offerings in the Batavia market were at fairly reasonable prices but shipping dates were indefinite.

Shellac—Activity last week shifted from selling spot goods to negotiating in Washington for fair and just prices at which to sell shellac. Revival of price control under OPA also revived spot shellac prices at which no shellac merchant can sell except at a loss. The result was a complete shut down in shellac sales and a descent on Washington for price relief.

Here is the picture. Shellac is obtained from two sources: Calcutta, the primary market; and London, a secondary trading center. Neither foreign market has shellac price ceilings.

To get T. N. shellac, New York has had to pay 65c. per pound in Calcutta—meaning 66¾c. landed here. The London price has equaled 67½c. Since prices are ceiled in the United

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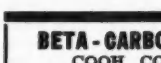
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State, T. N., if bought at the above prices, must sell at 35½c. per pound —which is the old OPA price ceiling revived and now in effect. And the spread between cost abroad and ceiling price in New York is as wide on all other grades.

The normal way to sell shellac without a loss is to base United States prices on the replacement cost in Calcutta. And since that cannot be done at current OPA prices, the New York shellac trade went to Washington last week for relief. The government is actually in the market for shellac for use at the Panama Canal and no importer can bid for the business because the Calcutta and London prices are almost 100 percent above prices legal under OPA.

Members of the trade last week said that either they get higher prices from OPA or they shut up shop. They said that the last prices at which they sold were: T. N., 68c. per pound; superfine, 70c. bonedry, 71½c. The roll back to OPA legal prices established T. N. at 35c. per pound, superfine, 36.60c.; and bonedry, 42½c. Hence, selling stopped.

Meanwhile, the needs of shellac consumers run high and they can get nothing. So acute was their situation that consumers last week wished the shellac importers "good hunting" in their expedition to Washington in search of justice.

Synthetic Resins

There was a strong undertone in the market for most grades of resins, particularly the phenolics. The fact that OPA had ruled resin makers may apply for individual adjustments of their prices for all types of synthetics slowed trade somewhat, as producers determined whether they could come under the OPA ruling that allows advances where costs have so increased as to threaten continued production.

A producer of hydrogenated methyl abietate advanced prices 1¼c. per pound.

Naval Stores

Late last week the industry was still uncertain as to what, if any, government rules regulated these products. It was determined that agricultural products which were used for feed and food purposes would not be controlled but that those products used for industrial processes would revert back to June 30 ceilings. The clarification did not come until late in the period, and during the early part of the week trading in naval stores was limited because of the uncertainty.

Rosin—Only limited offerings were made due to the short supplies. Domestic and export demand remained at a high level. Prices on various grades of rosin reverted back to June 30 ceilings.

Savannah, Aug. 2.—Following is a record of the rosin market for the week:—

	Price per unit—Low of range quoted				
	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$6.00	$6.00	$6.00	$6.00	$6.00
D	6.07	6.07	6.07	6.07	6.07
E	6.60	6.60	6.60	6.60	6.60
F	6.70	6.70	6.70	6.70	6.70
G	6.74	6.74	6.74	6.74	6.74
H	6.76	6.76	6.76	6.76	6.76
I	6.76	6.76	6.76	6.76	6.76
K	6.80	6.80	6.80	6.80	6.80
M	6.82	6.82	6.82	6.82	6.82
N	6.98	6.98	6.98	6.98	6.98
WG	7.05	7.05	7.05	7.05	7.05
WW	7.15	7.15	7.15	7.15	7.15
X	7.15	7.15	7.15	7.15	7.15
	Drums				
Sales	187	...	...	...	...
Receipts	282	1,015	1,934	814	125
Shipments	200	...	1,668	783	...
Stocks	8,682	9,697	9,963	9,994	10,119

Turpentine—Spot supplies of this material remained scarce during the week, although demand was unabated. Prices reverted to June 30 ceilings. ings.

Savannah, Aug. 2.—Following is a record of the turpentine market for the week:—

	Bulk gallons—Cents.	Sales.	Barrels—Receipts.	Shipments.	On hand.
Monday	83½	...	...	159	479
Tuesday	83½	...	105	...	584
Wednesday	83½	...	...	...	511
Thursday	83½	...	60	...	571
Friday	83½	...	431	383	619

Glues and Binders

Casein—Under the OPA clarification on agricultural products, prices on this adhesive reverted to June 30 controls late last week. There were reports in the trade that the industry was seeking relief from the stringent ruling.

Glues—Hide and bone glues remained in short supply, although demand was fairly active. No changes in prices were recorded. Army-Navy specifications for glue are now being issued by the Office of Technical Services of the Department of Commerce.

Newport Industries Adds Craft to Staff

Norman W. Craft, recently released from the Navy, has joined the chemical staff of Newport Industries, Pensacola, Fla., and will be in charge of the work on protective coatings and related subjects in Newport's new research laboratory, which will be ready for occupancy in the early fall.

Mr. Craft was formerly chief chemist for the French Wolf Products Company, Philadelphia. Prior to his connection with French Wolf he was chemist at the Benjamin Franklin Paint & Varnish Company, Philadelphia.

Dicalite Co. Names Trumpler, Brady District Engineers

A. L. Trumpler has been appointed district engineer of the Dicalite Company's Buffalo office and J. T. Brady has been named to a similar post in the Pittsburgh office. Mr. Trumpler joined the company in 1945 after release from the Navy and Mr. Brady joined it this year after discharge from the Marine Corps.

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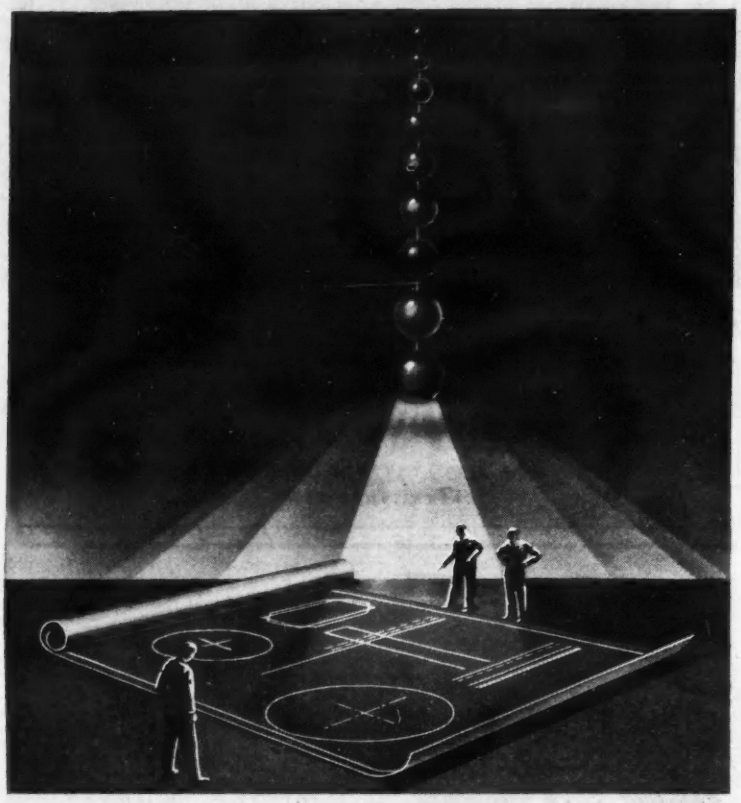

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ARECANUTS—80 bgs, W E Martin; 80 bgs, S B Penick & Co
ASBESTOS—8,887 bgs, Amtorg Trading Corp
BABASSU KERNELS—2,953 bgs, Spencer Kellogg & Sons; 6,333 bgs, General Foods Corp; 534 bgs, Durkee Famous Foods
BALATA—63 cs, H A Astlett & Co; 450 blocks, T A Desmond & Co
BARBASCO ROOT—4,570 bls, Reconstruction Finance Co; 5,949 bls, Otis Astoria Corp
BEES WAX—27 bgs, E A Bromund Co; 27 bgs, Smith & Nichols; 292 blocks, T F Grant; 111 blocks, R D Heins; 474 blocks
BARYTES ORE—2,222 tons, New Jersey Zinc Co
BISMUTH—334 bars, Cerro De Pasco Copper Corp
CALABAR ROOT—143 bgs
CALAMUS ROOT—41 bls, Amtorg Trading Corp
CANARY SEED—625 bgs, Hinton & Co; 200 bgs
CARAWAY SEED—100 bgs, R L Friedler; 50 bgs, Becker Mayer Seed Co; 140 bgs, R J Spitz
CARDAMOM—5 cs, Oriental Exporter & Imports; 11 pkgs, S B Penick & Co
CARNAUBA WAX—563 bgs, S C Johnson & Son; 465 bgs, Wm Diehl & Co; 125 bgs, Baud Rubber & Trading Co; 375 bgs, Fred Henjes, Jr; 45 bgs, Natural Product Corp; 175 bgs, W R Grace & Co; 56 bgs, Wessel, Duval & Co
CASEIN—1,000 bgs, Sheffield Farms Co; 834 bgs, Paul A Dunkel & Co; 6,000 bgs, Crawford, Keene & Co; 500 bgs, Colloid, Inc; 3,000 bgs, Tupman, Thurlow & Co
CASTOR BEANS—10,270 bgs, Baker Castor Oil Co; 2,201 bgs, Spencer Kellogg & Sons
CERAMIC COLOR—1 ck, 2 cs, H F Drakenfeld & Co; 21 cs, Croxall Chemical Supply Co
CHALK, PRECIPITATED—250 bgs
CHILTOPIN—335 bgs, C T Wilson & Co
CHINA CLAY—40 cks, E Fougera & Co
CIVET—22 cs, R D Heins
COBALT OXIDE—3 cks
COCOABUTTER—3,334 bls, A C Israel Commodity Co
COD OIL—110 dms, Atlas Refining, Inc; 50 dms, Whitmoyer Laboratories, Inc
CODLIVER OIL—60 dms, White Laboratories; 70 dms, E F Drew & Co; 20 dms, Vitaron Chemical Mfg Co; 70 dms, Scandinavian Oil Co; 50 dms, Whitmoyer Laboratories, Inc
COLOMBO ROOT—124 bgs, S B Penick & Co
COPAIBA OIL—60 cs, Orbis Product Corp; 30 cs, Simmonds & Grey
CORUNDUM—2,162 bgs, Watson, Geach & Co
COTTON LINTERS—7,000 bls, Amtorg Trading Corp; 974 bls, Simmond Co
CRESYLIC ACID—53 dms, American British Chemical Supplies, Inc; 604 dms, Republic Chemical Corp; 433 dms, Monsanto Chemical Co; 286 dms, Guaranty Trust Co; 100 dms, American Cyanamid & Chemical Corp; 83 dms, Schenectady Varnish Co; 300 dms
CUMARU—8 bbls, H E Botzow, Inc
DEXTRIN—195 bgs, O Eisman
DIVI-DIVI—4,754 bgs, Chemical Bank & Trust Co; 2,310 bgs, Royal Bank of Canada
DYES, ANILIN—20 kgs, 5 dms, L & R Organic Product Co
FISH SOUNDS—68 bls, Fulton Forwarding Corp
FUEL OIL—520,000 bbls, Standard Oil Co N J
FLAXSEED—1,567 tons, Commodity Credit Corp
GARNETLAC—2 bgs, Wm Zinsser & Co
GLUCOSE—67 cks, Eugenio Lang
GLUESTOCK—100 bls, H J Baker & Bro; 85 bgs, Edmond J Lang; 199 bls, Darmstadt, Scott & Courtney
GLYCERIN—14 dms, Premoid Products, Inc; 165 dms, Reichhold Chemical Co 600 dms, Paul A Dunkel & Co; 195 dms, Tupmann, Thurlow & Co
GRAPHITE—1,080 bgs, Asbury Graphite Mills; 1,250 bgs, Joseph Dixon Crucible Co; 535 bgs, Charles Pettinos
GYPSUM—7,485 tons, United States Gypsum Co; 6,840 tons, National Gypsum Co; 200 bgs, Whittaker, Clark & Daniels
HENBANE LEAVES—22 bls, Amtorg Trading Corp
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IPECAC ROOT—7 bgs, S B Penick & Co; 14 bgs, Mecke & Co; 52 bgs, Wessel, Duval & Co
IRON ORE—68 cks, Tennessee Kastman Corp
KARAYA GUM—266 bgs, Gold Medal Haarlem Oil Co; 66 bgs, Max Van Pels; 67 bgs, Frank Vleit & Co
KYANITE—20 tons, Trident Traders, Inc
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PAPAIN—28 pkgs, Merck & Co; 3 cs, J L Hopkins & Co; 24 pkgs, R J Prentiss & Co; 2 pkgs, S B Penick & Co

PAPRIKA—100 bgs, A G Dunn

PARSLEY SEED—300 bgs, Villar & Osorio

PERILLO GUM—28 bgs, H A Astlett & Co

PEATMOSS—4 bls, Premier Peatmoss Corp

PETROLEUM, CRUDE—214,094 bbls, Gulf Oil Corp; 314,005 bbls, Standard Oil Co N J

POPPYSEED—200 bgs, Louis Furth

QUEBRACHO EXTRACT — 11,610 bgs, International Product Corp; 16,282 bgs, Tannin Products Export Co; 1,021 bgs, American Dyewood Co

REFUSELAC—500 bgs, Bradshaw Preager & Co

RICE FLOUR—1,000 bgs, Stein, Hall & Co

ROSADUNHA GUM—31 cs, Littlejohn & Co; 27 cs, Chicle Development Co

ROSEWOOD OIL—3 dms, Lo Curto & Funk; 4 dms, P R Dreyer; 9 dms, P R Mers; 11 dms, Norda Essential Oil & Chemical Co; 12 dms, Robert & Co; 2 dms, Tombarel Product Co; 6 dms, Geo Uhe & Co; 7 dms, Trubak Laboratories; 12 dms, Van Ameringen Haebler

ROSIN, LIQUID — 3,170 dms, Guaranty Trust Co

SAFFLOWER—18 bgs, R J Prentiss & Co; 4 bgs, Corn Exchange Bank

SAGE LEAVES—28 bls, Balex Co, Inc

SANDALWOOD OIL—9 cs, Magnus, Mabee & Reynard; 5 cs, Ungerer & Co

SCHEELITE ORE—500 bgs, Philipp Bros

SEEDLAC—200 bgs, P N Rowe; 312 bgs, Wm Diehl & Co; 1,000 bgs, Mac Lac Co; 700 bgs, Mantrose Corp; 1,800 bgs, Bingham & Co; 750 bgs, Gillespie-Rogers-Pyatt Co; 250 bgs

SENNA LEAVES—73 bls, R J Prentiss & Co; 21 bls, E Meer & Co; 12 bls, S B Penick & Co

SHARK LIVER OIL—10 dms, Great Northern Fisheries

SHELLAC—200 bgs, Chase National Bank; 200 bgs, Gillespie-Rogers-Pyatt Co; 500 bgs, Mantrose Corp; 50 bgs, Wm Zinsser & Co

SODA CARBONATE MONOHYDRATE—40 bgs, Yardley & Co

SORVA GUM—100 cs, Pan American Rotenone Co; 100 cs, Herman Weber & Co; 472 cs, Chicle Development Co; 2,006 cs, H A Astlett & Co

TANKAGE—551 bgs, Armour & Co; 9,735 bgs, Wessel, Duval & Co; liver & glandular, 997 bgs, International Commercial Co

TANNING MATERIAL — 590 bgs, Royal Bank of Canada

THEOBROMINE—7 cks, 2 cs, C L Huisking & Co

TIMBO, POWDERED—200 bgs, R J Prentiss & Co

TURMERIC—53 bgs, E Meer & Co; 114 bgs, Becker-Mayer Seed Co

UMBER, EARTH—338 bgs, C K Williams & Co; 420 bgs, J Lee Smith & Co; 117 bgs, Chase National Bank; 57 bgs, T H Deutz Co; 6 bgs, Robins Supply Agencies

VANILLA BEANS—19 cs, F Huber & Co

VERMICULITE—300 bgs, Philipp Bros

WATTLE BARK—1,097 bls, Bingham & Co; 2,799 bls, Hammond & Carpenter

WITHERITE—500 bgs, E I Du Pont de Nemours & Co

WOLFRAM ORE—310 bgs, W R Grace & Co

Baltimore

BONES—3,512 bgs, Bank of New York

CHROME ORE—4,000 tons, E J Lavino & Co; 2,240,350 lbs, Philipp Bros

CODLIVER OIL—344 bbls

FUEL OIL—156,765 bbls, Standard Oil Co N J

KELPMEAL—2,328 bgs

MANGANESE ORE—13,440,000 lbs, E J Lavino & Co

PETROLEUM, CRUDE—205,628 bbls, Standard Oil Co N J

QUEBRACHO EXTRACT—17,311 bgs, Tannin Product Export Co

TANKAGE, LIVER — 995 bgs, Anewalt Schmitt, Inc

WATTLE BARK—1,688 bls, American Dyewood Co; extract, 3,093 bgs

Boston

ARABIC GUM—500 bgs, Brewer & Co; 400 bgs, First National Bank

GLUESTOCK—38 bls, First National Bank; 166 rolls, J Gargers & Co; 69 rolls, H Remis & Co

MICA—100 cs, Otto Gerdau & Co; 275 cs, Eugenie Munsell & Co; 1,850 cs

REFUSELAC—400 bgs, Parks & Co; 200 bgs

SEEDLAC—150 bgs

TAPIOCA FLOUR—884 bgs, F R Dolan

TEXTILE GUM—120 cks, J P Marston Co

Chicago

OXGALLS—2 cks, J E Bernard & Co

TUCUM KERNELS — 8,461 bgs, Durkee Famous Foods

Cincinnati

SAGE LEAVES—34 bls, Frank Tea & Spice Co

Philadelphia

BONES—5,530 bgs, Baugh & Sons; 2,171 bgs, Philadelphia National Bank; 1,141 bgs, Armour & Co

CANARY SEED—5,045 bgs, R T French Co

COLORS, DRY—2 cs

CRESYLIC ACID—100 dms, T G Cooper & Co; 50 dms, G A Street; 100 dms, J H Faunce, Inc

GLYCERIN—60 dms, Sharp & Dohme, Inc; 71 dms, Pervel Corp; 39 dms, Guaranty Trust Co

MENTHOL—60 cs, Vick Chemical Co

ROSEWOOD OIL—12 dms, Thompson Mahogany Industries

VANILLA BEANS—22 cs, Zink & Triest

WATTLE BARK EXTRACT — 990 bgs, Bingham & Co

Rochester

CARNAUBA WAX—188 bgs, R T French Co

MANIOC MEAL—325 bgs, R T French Co

PAPRIKA—200 bgs, R T French Co

San Francisco

CARAWAY SEED—20 bgs, D Hecht & Co

Seattle

VITAMIN OIL—100 dms, Wilbur-Ellis Co

Penna. Salt Appoints Wilson Tankcar Chief

Vance N. Wilson, recently released from the Armed Forces, has been named supervisor in charge of tankcars in the traffic department of the Pennsylvania Salt Manufacturing Company, Philadelphia. He will handle the company's fleet of 295 tankcars and 40 additional cars leased for chlorine shipments.

Burdick Heads du Pont High Polymer Research

E. I. du Pont de Nemours & Co., Wilmington, Del., has announced that Dr. C. Lalor Burdick has returned from a year's duty in Mexico City, and will head a special "High Polymer Committee" to study and coordinate du Pont research and production activities in such materials as nylon, plastics, and similar compounds.

Robert W. Johnson will succeed Dr. Burdick as chairman of the board of du Pont S.A., general sales agent for du Pont in Mexico, and William A. Denker will head the Cia Mexicana de Explosives of which Dr. Burdick was chairman.

Chicago Chemists Elect J.K. Stewart President

New officers of the Chicago Chemical Club are:—president, J. K. Stewart, Sherwin-Williams Company; vice-presidents, L. G. Vande Bogart, Crane Company, and Paul E. Wenaas, the Simoniz Company; treasurer, Earl C. Leamon, Central Scientific Company; secretary, J. D. Ingle, Swift & Co. Trustees elected were W. Courtney Wilson, Pyroxylin Products, Inc.; Paul Van Cleef, Van Cleef Bros.; Lyle C. Hill, Riverdale Chemical Company, and Herman Kerst jr., Edwal Laboratories.

Monsanto to Relocate New York Office

The Monsanto Chemical Company, St. Louis, has leased three floors of the 21-story building being erected at 445 Park avenue to house its New York district sales office upon completion of the building next May. New York offices of the company are now located in 30 Rockefeller Plaza.

U.S. Rubber Names Tuley Synthetic Division Head

Dr. William F. Tuley, formerly assistant general sales manager of the Naugatuck chemical division of the United States Rubber Company, New York, has been appointed operations manager for the synthetic rubber division, with headquarters in New York.

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TITANOX-A 168 opacifies as well as whitens and brightens high gloss enamels. Widely used in white and light colored finishes for refrigerators, cabinets, containers and appliances, it is also recommended for use in architectural enamels.

While the production of TITANOX-A 168 — like other popular TITANOX pigments — is at full capacity, the demand has far passed the supply. Steps are now being taken to ensure enough TITANOX for everyone.

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Synthetic Resins

—Continued from page 35

Vinyl chloride-acetate, VYLF, VYHH, VYNW, VYNU, VYNV, VYNY, VYNL, powdered, c.l. (30,000 lbs.), paper bags, f.o.b. cars, South Charleston, W. Va.
- lb. .32 - —
- 10,000 to 29,999 lbs., same basis..lb. .34 - —
- 200 to 9,999 lbs., same basis. lb. .35 - —
- 1 to 199 lbs., same basis..lb. .51 - —

VYNS, c.l. (30,000 lbs.), paper bags, same basis..lb. .44 - —
- 10,000 to 29,999 lbs., same basis..lb. .46 - —
- 200 to 9,999 lbs., same basis. lb. .46 - —
- 1 to 199 lbs., same basis..lb. .62 - —

VYCM, powd., c.l., 30,000 lbs., paper bgs., f.o.b. cars South Charleston, W. Va. lb. .38 - —
- 10,000-29,999 lbs., same basis..lb. .39 - —
- 200-9,999 lbs., same basis. lb. .40 - —
- 1-199 lbs., same basis. lb. .56 - —

modified vinyl chloride-acetate, VMCH, c.l. (30,000 lbs.), same basis..lb. .39 - —
- 10,000 to 29,999 lbs., same basis..lb. .40 - —
- 200 to 9,999 lbs., same basis. lb. .41 - —
- 1 to 199 lbs., same basis..lb. .57 - —

Vinyl modified, acetate resins, AYAB, lumps (in fiber drums at option of seller); AYAA, AYAF, AYAT, granular (in paper bags only, f.o.b. cars South Charleston, W. Va., freight paid to destination E. of Mississippi River, c.l. (30,000 lbs.)..lb. .49 - —
- AYAB, AYAA, AYAF, AYAT, 2,000 to 29,999 lbs., same basis..lb. .49 - —
- 200 to 1,999 lbs., same basis. lb. .65 - —
- 1 to 199 lbs., same basis.lb. .69 - —

chloride resins, AYAC, gran., fiber drms. at option of seller, c.l. (30,000 lbs.), f.o.b. cars, South Charleston, W. Va..lb. .42 - —
- 2,000-29,999 lbs., same basis..lb. .45 - —
- 200-1,999 lbs., same basis. lb. .47 - —
- 1-199 lbs., same basis..lb. .62 - —

QYNA, pwd., c.l. (30,000 lbs.), same basis..lb. .33 - —
- 10,000 to 29,999 lbs., same basis..lb. .34 - —
- 200 to 9,999 lbs., same basis. lb. .35 - —
- 1 to 199 lbs., same basis..lb. .51 - —

butyral resins, XYHL, XYHM, XYNC, granular, 96 to 97% solids, prices based on contained solids (in paper bags at option of sellers), 30,000 lbs., f.o.b. cars South Charleston, W. Va., c.l...lb. .62 - —
- 10,00 to 29,999 lbs., same basis..lb. .82 - —
- 200 to 9,999 lbs., same basis. lb. .84 - —
- 1 to 199 lbs., same basis.lb. 1.00 - —

Z

Zinlac, orange or white, 55-gal. bbls..gal. 1.30 - —
- kits (5 gals.).....gal. 1.65 - —
- jugs (1 gal.).....gal. 1.60 - —

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(For further details see listings in OPD Green Book.)

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Bureau of Chemistry
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Di Cyan & Brown
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The Edwal Laboratories, Inc.
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Oils, Fats, and Waxes

Business in oils and fats was practically at a standstill last week, in view of the enactment of the revised OPA bill, which revived controls and rolledback price advances in oils and fats for industrial uses to previous ceilings in effect June 30. This created a great deal of confusion in the market and the withdrawal of sellers. Demand was urgent, with buyers reported in many instances, willing to purchase at prices above the ceilings. Edible oils were in scarce supply and business was light. It was reported that refiners purchased old crop crude cottonseed oil at three cents per pound in the Southeast above former ceilings. Inquiry for new crop oil was keen, with crushers not offering until the cost of seed is ascertained.

The following fats and oils were exempted from price controls and ceilings will be restored August 21 unless the decision of the Decontrol Board is that they not be brought back under ceilings. Cottonseed and soybean oils; food and feed byproducts of cottonseed and soybean oils such as most mayonnaise, salad dressings, oleomargarine and vegetable shortenings; edible fats and oils such as lard and beef fats used in some shortenings; foods or feeds made from fats, oils and greases derived from livestock.

Fats or oils that are sold for industrial uses for production of inedible products, remain under price control.

Ceilings of linseed oil were increased 1.3c. per pound, by OPA July 31, to offset the loss of the flaxseed subsidy of 25 cents per bushel since July 1.

WFO 42a was suspended by the Department of Agriculture, effective July 1. The order controlled the use of oils and fats in the manufacture of protective coatings, floor coverings and coated fabrics. Linseed crushers were not accepting business at the higher levels and limited deliveries of oil against previous contracts.

Department of Agriculture representatives told the house food shortage committee last Wednesday that Argentina with a surplus of fats and oils has failed to fulfill its commitments to the world market. This situation has been caused partly because of price differences and partly because the necessary procedures have not been set under the new government.

Market Trends

Prices Advanced

Crude cottonseed oil, 3c. per lb.

Prices Reduced

Castor oil, 4c. per lb.
Greases, 4¼c. per lb.
Grease oil, 3c. per lb.
Linseed oil, 1.9c. per lb.
Menhaden oil, crude and ref., 3c. per lb.
Oleostearin, 6c. per lb.
Red oil, 8¾c. per lb.
Sardine oil, crude and ref., 3c. per lb.
Stearic acid, 3½c. per lb.
Tallows, 4¼c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
198.4	218.4	218.4	193.3

(For Current Prices see Page 9)

floor coverings and coated fabrics to 75 percent of the 1940 and 1941 base. The suspension of this order was in line with the practically unanimous recommendation of members of such industries.

Consumers were seeking to purchase oil, with crushers not accepting new business. Production was moving against former contracts.

Preliminary estimates reported the area planted to flaxseed in Canada at 990,000 acres, compared with 1,034,000 acres last year by the Dominion Bureau of Statistics. The crop was reported in excellent condition.

Arrivals of Uruguayan flaxseed totaled 1,567 tons at New York last week and were consigned to CCC.

Minneapolis, July 31.—Demand for linseed oil continued acute, but the trade was frozen last week as buyers and sellers waited final decision on the oil ceiling price.

Shipments of linseed oil, in pounds, were as follows:—

	1945-46	1944-45
This week.....	3,840,000	4,560,000
Since Sept. 1.....	284,310,000	236,930,000

Flaxseed—Trading in seed active for prompt and nearby delivery at $3.80 per bushel, f.o.b. Minneapolis.

Minneapolis, July 31.—Ideal weather brought flax crop another week closer to maturity in the Northwest belt and producer hopes were high as first reports on production were better than expected. Cash buyers were scrambling over one another in their anxiety to obtain supplies of old and new crop seed. Daily receipts increased to the highest point since March, 1946. Purchases of flax on a to arrive basis, shipment within sixty days, expanded rapidly as a few offers were made and it was estimated that 300 cars of flaxseed had been purchased at the $3.80 price within three days after the first offers came on the market.

	Receipts 1945-46		Shipments 1944-45	
This week	165,000	87,000	18,100	18,000
Since Sept 1.	20,955,400	10,683,500	4,511,200	2,155,000

Buenos Aires, Aug. 2.—No flaxseed shipments were made last week. Export price has not been announced by the government. Argentine government purchase price is $2.65 per bushel, bags, f.o.b. Buenos Aires. Visible supply was reported unchanged at 3,150,000 bushels.

Hull, Aug. 2. — Flaxseed, Bombay, £46½ nominal, August; Calcutta, £37 nominal, August; La Plata not quoted.

Cottonseed Oil

Reports from the Southeast stated that sales of old crop crude cottonseed oil were made at 15⅝c. per pound, tankcars f.o.b. mills, an advance of 3c. per pound above the previous ceiling. Refiners were reported the buyers, with independent crushers, sellers. An active inquiry was noted for new crop oil, but business was quiet, as crushers awaited cost of new seed.

Refined oil was in urgent demand, with trading restricted by the scarcity of supplies.

Atlanta, Aug. 1.—Peanut oil production very limited and scattered tanks traded at 13c. ceiling on barter basis for shortening and cooking oil. No new crop trading. Refiners reported to have purchased old crop crude cottonseed oil at 15⅝c. per pound, tankcars, f.o.b. mills in the Southeast. No business in new crop as yet.

Memphis, Aug. 1.—Cotton crop improving throughout this section. Trading in cottonseed products at a standstill. Old crop cottonseed meal reported sold at $100 per ton. Demand subsided at this level.

Linseed Oil

Ceilings were increased 1.3c. per pound for raw linseed oil and various linseed oil products by OPA, effective July 31. The increase was granted to compensate crushers for the higher costs of flaxseed owing to the loss of the 25c. per bushel subsidy, which was in effect before July 1.

Suspension of WFO 42a also was announced, July 29, by the Department of Agriculture, effective July 1. This order restricted the use of fats and oils in the manufacture of paints,

Other Vegetable Oils

Castor, Dehydrated—Prices reverted to former ceilings last week. Producers withdrew from the market and quotations were entirely nominal. Demand continued urgent.

Coconut—Inquiry was reported active, with offerings light and well held at ceilings.

Corn—Refined and crude grades were in urgent request. Supplies were scarce and the market firm at the recent advance.

Oiticica—Consumers were seeking prompt and nearby replacements, but trading was quiet, owing to the scantiness of supplies here and for shipment from Brazil. Market was firm at ceilings.

Olive—Restoration of OPA ceilings resulted in buying interest disappearing for resale oil on the spot. Both sellers and buyers were marking time and waiting for further developments in the confused situation. Arrivals of oil from Syria and Africa totaled 3,009 drums at New York during the past ten days. In reply to the request for a clarification of the recontrol of olive oil imports under WFO 63 by the Agriculture stated: All applications Trade with Italy, the Department of

For Late Market Developments, See Page 4

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Fats, Oils, Output Consumption: June

The preliminary statistics of the factory production and consumption of animal and vegetable fats and oils for June, 1946, as compiled by the Bureau of Census, follow:—

Vegetable Oils

	Pounds—Production	Pounds—Consumption
Babassu, crude	[2]	2,432,000
Refined	[2]	846,000
Castor, No. 1, crude	1,467,000	2,706,000
No. 3, crude	366,000	1,008,000
Dehydrated	1,053,000	2,169,000
Sulphonated	.....	296,000
Chinawood or tung oil	[2]	2,806,000
Coconut, crude	27,189,000	24,888,000
Refined	12,729,000	8,148,000
Corn, crude	16,968,000	13,650,000
Refined	12,551,000	1,781,000
Cottonseed, crude	16,781,000	26,645,000
Refined	33,457,000	67,513,000
Linseed	50,522,000	45,737,000
Olive, edible	.....	13,000
Inedible	.....	26,000
Sulphur oil or olive foots	.....	35,000
Oiticica	.....	1,522,000
Palmkernel, crude	[2]	616,000
Refined	.....	[2]
Palm, crude	[2]	3,481,000
Refined	[2]	217,000
Peanut, crude[1]	7,724,000	9,368,000
Refined	7,115,000	4,718,000
Sesame	.....	5,000
Soybean, crude	107,904,000	114,043,000
Refined	105,136,000	86,459,000
All other	4,918,000	3,467,000

Animal Fats

Lard, rendered (including neutral lard and rendered pork fats)	75,806,000	1,635,000
Neatsfoot oil	50,000	260,000
Tallow, edible	4,026,000	3,534,000
Inedible	56,300,000	96,802,000

Fish and Marine Mammal Oils[2]

Cod	55,000	702,000
Codliver	15,000	857,000
Marine mammal	.....	1,283,000
Other fish	[4]13,324,000	10,007,000
Other liver	482,000	470,000

Greases

Greases (including garbage and house), other than wool	40,906,000	46,583,000
Wool grease	1,561,000	1,473,000

Secondary Products

Animal fat and oil fatty acids	23,458,000	23,336,000
Animal foots, 100% basis	2,088,000	2,369,000
Fish and marine mammal fatty acids	2,724,000	1,076,000
Grease and lard oil	3,848,000	3,415,000
Oleo oil	987,000	414,000
Red oil or oleic acid	7,799,000	5,961,000
Stearic acid	5,444,000	4,457,000
Foots, from fish and marine mammal oil (100% basis)	[5]	743,000
Stearin, animal, edible	495,000	957,000
Inedible	2,416,000	1,295,000
Stearin, vegetable oil, winter	4,967,000	5,590,000
Tallow oil	2,702,000	892,000
Vegetable oil fatty acids from foots and other than from foods including fatty acids from tall oil, palm oil, refuse, etc	14,827,000	12,681,000

Other Products

Glycerin, chemically pure (100% basis)	7,634,000	5,379,000
crude (100% basis)	13,843,000	13,858,000
high gravity and yellow distilled (100% basis)	5,319,000	6,865,000
Hydrogenated oils, edible	74,062,000	67,045,000
Inedible	15,030,000	16,852,000
Shortening	103,861,000	673,000
Winterized vegetable oils	20,022,000	.....

[1] Data on production collected by Bureau of Agricultural Economics; stocks held by crude peanut oil producers also reported by Bureau of Agricultural Economics, whereas those held at refineries are collected by the Bureau of the Census.
[2] Included in "All other" vegetable oils to avoid disclosures of operation of individual establishments.
[3] Fish and Wildlife Service collected the data from fish oil producers.
[4] Includes 2,485,000 pounds of menhaden oil and 3,157,000 pounds of herring, sardine and pilchard.
[5] Includes 1,056,000 pounds of menhaden oil and 5,000 pounds of herring, sardine, and pilchard.
[6] Not shown to avoid disclosure of individual operations.

Raw Materials Used

	Tons—Consumption	Tons—Stocks May 31
Castor beans	2,118	7,266
Copra	21,408	24,333
Corn germs	21,882	441
Cottonseed	53,802	100,230
Flaxseed	69,170	78,082
Palm kernels	.....	.....
Soybeans	361,536	682,597
Tung	[1]	.....
Other[2]	4,783	2,803

[1] Included in "Other."
[2] Peanuts not included.

Agriculture stated: All applications for authority to import olive oil being approved regardless of date, purchase contract, provided oil is retained in United States for domestic consumption.

Peanut—Department of Agriculture announced July 30, the purchase and loan support prices for farmers' stock peanuts of the 1946 crop at 90 percent of parity as of July 15, the beginning of the marketing year. The following are prices per ton for peanuts containing less than 3 percent damage and less than 6 percent foreign material:—$174, Spanish and Valencias east of the Mississippi River and $172 west of the Mississippi River; $157, Runners, and $170, Virginias. In the Southeast section the peanut crop was generally favorable with a few extremities in rainfall and drought conditions reported in scattered locations in Alabama.

Tung—Sizable quantities were reported sold at ceilings last week for September-October shipment. Consuming demand was exceedingly active, with offerings from China promptly taken.

Fats and Greases

Greases—Revival of OPA restored former ceilings. Producers withdrew from the market. Buying interest was active. Ceilings for house were quoted at 8¼c. per pound and choice white, 8⅞c. per pound, loose.

Lard—Demand continued active and made at sharp advances. Trading was bid at sharp advances. Trading was quiet as producers were practically out of the market. Deliveries against contracts were in urgent request. Lard stocks at Chicago totaled 3,884,650 pounds, July 31, compared with 3,882,585 pounds, July 1 and 9,984,469 pounds, July 31, last year. Hogs reached all time record prices midweek in Chicago.

Tallow—Consuming inquiry was keen, with trading reported at a standstill. Prices revised to former OPA ceilings. Inedible, extra was quoted at 8⅝c. per pound and special, 8½c. per pound, loose, compared with sales at 12⅞c. and 13¾c. respectively, before the enactment of the new OPA bill.

Animal Oils

Grease Oil—Recent advances were rolled back to previous ceiling following the enactment of the revised OPA

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act. Business was quiet, as makers withdrew from the market. Ceilings for common No. 1 were 14c. per pound, extra No. 1, 14½c. and winter strained, 15c. per pound, barrels, carlots.

Neatsfoot Oil—Trading was slow and prices reverted to former ceilings. Producers were not offering and awaited the clarification of the price situation. Ceilings were quoted as follows:—15 degrees, $1.80 to $1.85; 20 degrees, $1.85 to $1.90; and 30 degrees, $1.55 to $1.60 per gallon, barrels according to quantity.

Oleo—Revised OPA measure did not affect this product. Market was firm at the recent advances. Demand was active, with trading reported light owing to scarcity of supplies.

Fish Oils

Menhaden—Prices of crude and refined grades reverted to previous ceilings with the result that sellers withdrew from the market and quotations were entirely nominal.

Baltimore, July 30.—Production of menhaden oil off the Atlantic coast was favored by advantageous weather, though the industry is once more confronted by the problem of price. Recent sales of crude oil at 11c. were made with the proviso that if the OPA should decree a drop to 8.9c., there is to be a readjustment within a fixed period.

Sardine — With quotations rolled back to former ceilings, inquiry subsided and the market was quiet and nominal.

Los Angeles, July 31.—Sardine oil market this week was practically at a standstill. Prices were rolled back to the ceiling of 66.75c. per gallon for crude oil.

Fatty Acids

Red Oil — Producer rolled back prices to previous ceilings following the passage of the revised OPA bill. Demand was urgent, but new business was quiet, because of sold-up production.

Stearic Acid—Supplies were limited and makers confined operations to making deliveries on prior contracts. Prices reverted to former ceilings.

Cake and Meal

Cottonseed Meal—Several lots were reported sold last week by crushers in Mississippi, Georgia and Carolinas at prices ranging from $101 to $103 per ton for spot shipment. Only because of limited amounts available can such prices be obtained and then only from feed mixers who have no oilmeal inventory. Fertilizer trade showing no interest whatever since current prices figure around $13 to $14 per unit of ammonia, f.o.b. crushing mills—an all time high. Prices, however, are not expected to get materially lower, without OPA action, until new crop cottonseed and soybeans come on the market in substantial volume.

Linseed Meal—Local production was reported sold up and the market was merely nominal at $85 per ton, f.o.b. mills.

Minneapolis, July 31.—Meal sales were still on the basis of $85 per ton, but crushers were reporting more resistance to offerings at that level, particularly on the part of feed manufacturers and mixers.

Shipments of linseed meal, in pounds, were as follows:—

	1945-46	1944-45
This week.....	5,760,000	1,680,000
Since Sept. 1.....	292,562,000	237,550,000

Peanut Meal—Total United States production in September-June 72,400 tons as compared to 82,000 last year. Stocks on hand at mills July 1, 2,000 tons as compared to 4,400 last year. During first part of week of July 22, 45 percent protein meal was reported sold at $100 per ton, f.o.b. Alabama mills.

Waxes

Beeswax—While trading was quiet, the market continued firm and reflected the higher cost of replacements. Supplies on the spot were well held at current levels.

Candelilla—Recent trading was said to have reduced stocks here which resulted in a steadier tone. Prices on the spot were unchanged.

Carnauba—A lull in trading was reported last week, but the market continued firm and unchanged. Shipments from Brazil were closely held for prompt and forward positions. Refined and crude grades on spot remain firm.

Al C. Funk has retired from the tional adhesive division of National Starch Products Inc., New York, after thirty-five years of service with the company.

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Elk Basin Oil Claim Of Government Upheld

OPD Washington Bureau

A special master for the Supreme Court has recommended that the court uphold the Federal government's claim to 640 acres of oil-rich land in the Elk basin oil field of Wyoming, according to the Department of Justice.

The recommendation was said to have been made in an original suit brought by the government against the State of Wyoming and the Ohio Oil Company to get title to the land and for an accounting of the oil and gas taken by the oil company.

The land is situated east of Yellowstone Park near the Montana boundary line.

Petroleum Chemicals

—Continued from page 7

nia Research Corporation; approximate diffusion calculations for falling-rate phase of drying, Western Regional Research laboratory, Department of Agriculture; preliminary studies of temperature gradients in turbulent gas streams, California Institute of Technology; and performance of non-isothermal jets, University of California.

Another symposium will feature twelve thumbnail sketches of chemical processes commercialized in the West since 1940. Dr. W. Hirschkind, of Dow Chemical Company, will preface the symposium by giving a talk on the history and growth of the Western chemical industry.

Production Processes

Among processes to be described briefly are those for production of phthalic anhydride from ortho-xylene, Oronite Chemical Company; potassium perchlorate, Western Electrochemical Company; dimethyl sulfolane, Shell Chemical Corporation; magnesia-magnesium operations, Permanente Metals Corporation; penicillin, Cutter Laboratories; styrene, Dow Chemical Company; tartrates and other products from winery pomace, E. K. Metzner.

Also, a new phosphate-olivine type fertilizer, Manganese Products, Inc.; paraffin wax, Union Oil Company of California; lithium concentrates, American Potash & Chemical Corporation; low-temperature carbonization of coal, Coal Logs, Inc.; alcohol from sulphite liquor, Puget Sound Pulp & Timber Company.

Plant Visits

Plant visits in the San Francisco Bay area will include those to the Shell Chemical Corporation, Standard Oil of California's Oronite Chemical Company, the Great Western Division of the Dow Company, the Department of Agriculture's laboratory, the California & Hawaiian Sugar Refining Corporation and the cyclotron and low-temperature laboratories of the University of California.

General chairman of the meeting will be C. R. Nelson, of the Shell Development Company.

Trade Briefs

Pure Oil Company has elected to the board of directors Lester Armour, senior vice-president and a director of the City National Bank & Trust Company, Chicago.

Aran Oil Company, Buffalo, N. Y., has been formed to deal in petroleum products and industrial chemicals. It is incorporated by William G. Heffran, Thelma K. Decker and Arthur J. Cosgrove.

Elected Vice-President

E. F. Liebrecht, since 1940 general patent attorney for the M. W. Kellogg Company, petroleum engineers, New York, has been elected a vice-president of the company. Mr. Liebrecht is one of the foremost exponents of the open license system, by which the oil refining industry makes available to oil companies new developments in oil processes.

Krug Names Nicholson As Special Assistant

OPD Washington Bureau

Secretary of the Interior Julius A. Krug has appointed Rex L. Nicholson, of Berkeley, Cal., to be his special assistant. Mr. Nicholson's first duty will be to make a study and review of the department's grazing service and general land office reorganization. The two agencies were merged July 16 to form the bureau of land management. Mr. Nicholson will make his headquarters in Salt Lake City.

N. Y. & N. J. Lubricant Co. Organizes 25-Year Club

The New York & New Jersey Lubricant Company, New York, has formed a 25-year Club for employees who have been with the company that length of time or longer.

Charter members who officiated at the formation proceedings, and the length of their service, are:—Joseph H. Bennis, president, fifty years; F. J. Barnes, vice-president and treasurer, forty years; I. L. Hall, secretary, forty years; S. Vollman, assistant treasurer, forty years; P. Kaiser, export department, forty years; H. Clemens, purchasing agent and traffic manager, thirty-eight years; and J. F. Donlin, auditor, twenty-nine years.

The company observed its fiftieth anniversary last April.

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Petroleum Derivatives

Higher costs in the production of crude oil were reflected last week in new posted prices announced by virtually every major purchaser. Higher postings were instituted at all important crude-producing districts and for practically every grade.

The move was justified by the companies on the basis that it was impossible to continue selling petroleum and its products for about the same prices as five years ago, whereas other wholesale prices have increased by one-third, and petroleum industry costs have increased even more since 1941. One major producer pointed out that crude oil prices are now at levels repeatedly recommended by several government committees and agencies several years ago, recommendations which were ignored by the Office of Price Administration.

The general increases in prices for crude oil were followed by upward adjustments in quotations for certain refined products. Gasoline distributors made plans to hike their prices for both tankcar and tankwagon delivery, but, except for the East coast, the new prices were not available late in the week.

A principal producer of petrolatums advanced prices on both the yellow and white U S P grades during the week. Suppliers of various other petroleum derivatives, however, maintained previous quotations until the situation in the crude oil and gasoline had been clarified. Demand for various types of solvents and diluents was generally active during the week, particularly in regard to aromatic naphthas, which were in short supply.

Most petroleum chemicals were feeling the pinch of heavy demand and depleted stocks. Butane and propane movement into consuming channels remained at a high level. White mineral oils and paraffin waxes were in strong call and suppliers were meeting difficulties in filling orders.

The Bureau of Mines reported last week that stocks of domestic and foreign crude petroleum totalled 222,740,000 barrels on July 20, a net decrease of 119,000 barrels for the week. Domestic crude decreased 334,000 barrels, while foreign crude increased 215,000. Daily average production during the week was 4,937,000 barrels, an increase of 3,000.

Market Trends

Prices Advanced

Gasoline, East Coast, tankcars, at refinery, 4/10c. to 1c. per gal.
Petrolatum, U.S.P., amber, yellow, ½c. per bl.; extra amber, white ⅝c. per lb.
Petroleum, crude, bulk, at wells, 18c. to 30c. per bbl.

Prices Reduced

None

(For Current Prices see Page 9)

Petroleum Chemicals

Methylethyl Ketone—The shortage of supplies of this product became more acute last week and demand increased considerably. The extensive requirements of the Navy and other maritime interests in carrying out their ship-coating programs remained a drain on available supplies. In addition, manufacturers of automotive vehicle finishes continued calling for large quantities and were drawing so heavily upon available stocks that stockpiles were dwindling rapidly. A new plant is being constructed which will ease the situation somewhat, but until this is put into operation a very tight supply situation will prevail.

Methylisobutyl Ketone—Similar to methylethyl ketone, stocks of this petroleum derivative are being constantly depleted by heavy ordering on the part of the Navy and other consumers. Manufacturers of synthetic resins, particularly, were in the market last week for large quantities. Pricewise, the market was steady.

Toluol—Only a fair demand for this petroleum product was reported during the week. Offerings were substantial, but the presence of the recently-alloted government stocks in the market tended to ease the supply situation greatly.

Xylol—The coaltar type of this petroleum derivative remained in spirited demand during the period under review. The price remained steady at all delivery points.

Solvents and Diluents

Aromatic Solvents — Manufacturers of synthetic resins remained in the market for fairly large supplies last week. Deliveries of both the xylol and toluol types were well maintained. No changes in prices were reported during the week.

Cleaners' Naphtha—There was little of new development in trade for this petroleum product during the period under review. Seasonal deliveries remained at a high level and near-future buying was unabated. Prices were firm and unchanged.

Lacquer Diluent—Lacquer makers were ordering in large volume at unchanged prices.

Mineral Spirits—Remained in moderate demand, with offerings at the level of the previous week. There were no changes in prices.

Rubber Solvent — Movement remained fairly slow during the period under review. Prices were unchanged.

Stoddard Solvent—Seasonal activity remained brisk in this material and movement into consuming channels was steady. No change in price was reported.

V. M. & P. Naphtha—Remained in good call with offerings normal. Prices firm.

Markets at Other Centers

Chicago.—Material in this market has been marked up by many sellers considerable amounts following crude oil market price advances. Consuming industries are taking large amounts.

Aromatic Solvents — Buying good, prices strong.
Cleaners' Naphtha — Business active, market stiff.
Lacquer Diluent — Call active, prices strong.
Mineral Spirit—Call good, quotations stiff.
Rubber Solvent — Volume extensive, without steadiness.
Stoddard Solvent — Interest brisk, prices firm.
V. M. & P. Naphtha—Orders good, stable quotations.

Los Angeles.—All solvents and diluents, with the exception of rubber solvent, continued to move readily on the Pacific coast. Supplies were adequate to meet the demand for most products and inquiries were good. Prices were firm and unchanged.

Lighter Fractions

Butane—Producers of high-octane aviation gasoline were ordering in fairly large quantities during the period under review. Absorption by manufacturers of synthetic rubber and other process users remained high and as a result supplies were kept at moderate levels.

Heptane—Only a small movement was noted in the market for this gas. Price was steady and unchanged.

Hexane—Buying interest remained light throughout the week.

Octanes—Small lots were moving into consumtion at a fairly steady pace. Prices were steady.

Pentanes—There was little buying interest reported during the week and inquiries for future delivery were slow in appearing. No price changes were reported.

Propane—The situation in this liquified petroleum gas was similar to that prevailing in butane. A steady buying interest was manifested and movement was brisk.

Markets at Other Centers

Chicago.—Orders for these products are generally good and sellers are not offering much material now. In general, a strong market tone persists.

Butane—Call good, market strong.
Heptane—Interest active, market firm.
Hexane—Buying extensive, quotations steady.
Octanes—Buyers in market, strong prices.
Pentanes—Orders good, stable market.
Propane — Takings extensive, prices stiff.

Los Angeles.—Offerings of most liquified petroleum gases were liberal during the week and movement was in good volume. Manufacturers of synthetic rubber and aviation gasoline were in the market for large amounts of butane. Prices were unchanged and firm.

Petrolatums and Waxes

Microcrystalline Waxes — Demand continued to absorb virtually all offerings of these materials during the week. Prices were unchanged and firm.

Paraffin — Producers of the crude and refined grades were having difficulty in meeting the requirements of consumers. Demand was heavy for both domestic use and export. No changes in price were reported.

Petrolatums—At least one producers advanced prices ¼c to ⅜c per pound for various grades of petrolatums. Prices per pound in drums, were as follows: amber, 3¾c for carlots and 4¾c for less carlots; extra amber, 4c for carlots, 5c for smaller lots; cream, 5⅜c and 6⅞c; lily white, 6⅛c and 7⅝c; snow white, 6⅞c and 8⅜c; soft white, 6⅛c and 7⅛c, and yellow, 3¾c and 4¾c. Producers of most grades continued to report demand heavy and deliveries slow as a result.

White Mineral Oils—Buying interest remained brisk, with prices unchanged and firm.

WAXES

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WHITE TO DARK AMBER
145F TO 175F

AMO WAXES
(Amorphous)
WHITE TO DARK AMBER
100F TO 130F

PETROLATUMS
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For Late Market Developments, See Page 4

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12—400 lb. All Copper Percolators.
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1—Devine VACUUM SHELF DRYER, 14 shelves, 40x43; also 10-SHELF DRYER, Complete.
2—B. & C. 28" dia. x 60" face Atmospheric DOUBLE DRUM DRYERS complete.
1—32"x72" BUFLOVAK ATMOSPHERIC DOUBLE DRUM DRYER, m.d.
2—Direct heat ROTARY DRYERS; 5'x30', 6'x35'.
1—ROTARY KILN, 6'x60'.
6—ROTARY VACUUM DRYERS; 1—Devine, 5'x30'; 3—Devine, 4'x25'; 1—Devine, 4'x30'; 1—Struthers Wells, 30"x12'.
1—6'x35' Louisville Direct Heat single shell Rotary Dryer.
2—8'x50' Direct Heat Rotary Dryers.
1—4'x20' Ruggles-Coles Indirect Heat Rotary Dryer.
2—6'x28' Rotary Steam Tube Dryers.

Only a partial listing. Space does not permit listing all items. Send us your inquiries.

1—50 gal. STAINLESS STEEL VACUUM MIXER, J. H. Day Co. "Imperial" type, size 20, heavy duty, steam jacketed, double sigma blades, geared both ends, power tilting, enclosed silent chain drive from and incl. 25 HP 3-60-220 motor.

7—BAKER-PERKINS, size 15, style VI, class BS, steam jacketed sigma blade MIXERS, 150 gallons capacity, 100 gallons working capacity. Each equipped with Hydraulic Tilting devices. These mixers are new, unused.
2—Weeks McDonald straight line fully automatic LABELERS, motor driven.
1—Karl Kiefer No. 2 Visco FILLER, piston type, to fill 4 oz. to 32 oz., motor driven.
5—World and Ermold semi-automatic Labeling Machines, MD.
2—Rotary Cutters, Robinson and Howes, 24", 30" blades.
1—Dopp 500 gallon Jacketed KETTLE.
1—J. H. Day auger FILLER, motor driven.
42—250 gallon STAINLESS STEEL TANKS.
16—Vertical AGITATORS, 3 HP. 3/60/220-440 volt, 225 RPM.
Approximately 1,000 feet of STEEL BALL BEARING ROLLER CONVEYOR, from 17 to 32" widths.

MISCELLANEOUS

4—Raymond PULVERIZERS — 4-Roll High Side; Nos. 00, 0000, 45, 55 and 70.
7—Hardinge CONICAL MILLS: 8'x 30", 6'x36", 5'x8", silex lined; 8'x36", 6'x22", 5'x12" and 3'x8", iron lined.
6—ATTRITION MILLS, Bauer and Robinson, 22", 24", 30", 36"—motor driven.
12—Vibrating SCREENS: four 3'x6' Sturtevant 2-deck all-enclosed; six 3'x5', 4'x5' 1-deck Tyler Hummers; Tyler Rotap; Abbe No. 2 Blutergess.
1—Size 42" Vertical ROCK EMERY MILL, Shop No. 1108, Sturtevant Mill Co., Boston, with enclosed silent chain drive and 40 HP 3-60-440 motor.

WANTED—
YOUR IDLE MACHINES
Help Create these JOBS. Send your list NOW to "CONSOLIDATED"

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"Every Machine in Your Plant is a Used Machine"

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Shops: 335 Doremus Ave., Newark, N. J. Cable Address: Equipment, N. Y.

FOR SALE

Stainless Steel Tanks—new—100 and 200 gal., dished bottoms with stands.
9—New Stainless Steel Jacketed Kettles, 30 and 40 gals. capacity; 2 100 gal.
Steam Jacketed Kettle, 9' dia. x 5' deep, with agitator (new).
Stainless Steel Vert. Tank, 7' dia. x 10', No. 430 Chrome.
New Elec. Immersion Heaters, stainless.
Copper tank with agitator and coil, 66" dia. x 7' high.
2—International Centrifuges, size 3, Type FS, Stainless Steel with Motors.
Shriver Filter, 24" open del., all iron.
1—18 spout Karl Kiefer Rotary Filler.
10—new Sharpless Oil Purifiers.
6—DeLaval Imo Pumps, 2" suc., 2" disch. (new).
Stainless Steel, Milton-Roy, Pumps (new) with G.E. Explosion-proof Motors.

SPECIAL
20—new Sterilizers or Pressure Cookers, 18"x18", with 3-burner gasoline stoves.

H. LOEB & SON
4643 LANCASTER AVENUE PHILADELPHIA 31, PA.

Will Buy

surplus lots new or used

Steel Drums

NEWARK STEEL DRUM CO.
LINDEN, N. J.
C. J. Colville, Pres. Linden 2-4466

FOR SALE

1—1,000 gal. agitated steel Mash Tub.
1—4 x 6' Atmospheric Drum Dryer.
1—Raymond 0000 Imp Mill.
2—Tolhurst Centrifugals, 40" and 20".
1—No. 10 Day Imperial Mixer.
10—(New) 250 gal. closed Aluminum Tanks.
2—1,000 gal. closed Lead Lined Tanks.
2—3-roll Mills: 16x40 and 12x30".
1—6' Buflovak Vacuum Crystallizer.
4—Portable Elevators—500 and 1,000 lb.
4—(New) 60 and 100 gal. stain. steel Jac. Kettles.
1—No. 600 De Laval Clarifier.
5—100 gal. Steel Tanks with agitators.
4—Water Stills: 10 and 25 G.P.H.
1—300 gal. Jac. ag. Glass lined Tank.

What equipment have you for sale?

LOEB EQUIPMENT SUPPLY CO.
909 N. Marshfield Ave., Chicago 22, Ill.

FOR IMMEDIATE DELIVERY

2—Tolhurst centrifuges, 40 and 30".
1—170 gal. Day jacketed mixer.
1—125 gal. Blaw Knox jacketed autoclave.
2—O & J automatic labelers.
1—Weeks front and back labeler.
1—Kent 3 roll water cooled 12x30 mill.
5—Stokes F, T & B tablet presses.
3—Robinson, Day & Meade grinders.
1—Williams size C hammermill.
1—Premier colloid mill, 3 h.p.
5—Powder mixers, 400 to 2,000 lbs.
1—John Ayres tablet counter.
2—Knapp compression belts, 6' and 11'.
1—30 gallon pebble mill.
10—Alsop, Ertel filters, 3 to 20 disc.
2—Vacuum stills—50-250 gallon.

BRING YOUR SURPLUS EQUIPMENT TO OUR ATTENTION

Chemical & Process Machinery Corp.
146-8 Grand Street New York 13, N.Y.
Tel. WOrth 4-8130

SPECIALS!

8—Model 18H Mikro Pulverizers, 5 HP motors.
2—Knapp Automatic Can Labelers.
2—2,000 lb. Powder Mixers.
1—W. & P. 20 gal. Mixer, stainless steel lined with stainless steel blades.
17—Bucket Elevators, from 12' to 50' high, steel housing, motor driven.
1—Anderson No. 3 Moisture Expeller.
1—Tolhurst 40" Suspended Type Centrifugal, bottom discharge, belt driven.
1—Schaeffer Foldometer, 20"x4'.
1—Pfaudler Nickel Lined Jacketed Kettle, 287 gal.
1—Stokes Rotary Vacuum Dryer, 18"x3½'.
2—6' Buflovak Vacuum Crystallizers, complete.

1—Battery of 2 Tolhurst 40" Suspended Type Centrifugals, bottom discharge, motor driven, 15 HP motors.
2—Stokes "R" Single Punch Preforming Presses, 2½" die.
10—Colton and Stokes Single Punch Preforming Presses, up to ⅝".
1—FEINC 3'x2' Steel Rotary Vacuum Filter.
1—Readco 100-gal. Jacketed Heavy Duty Double Arm Mixer.
1—Schutz O'Neill 16" Ball Bearing, Style D Limited Mill.
1—Colton No. 2 Combination Tube Filler and Closer.
3—Abbe No. 00, 1 and 2 Bluteregos Sifters.
1—New Era 100 gal. Double Arm Jacketed Mixer, motor driven.
1—Filler Machine Co. 4 spout Filler.
1—Lab. Vallez Filter.
2—Zaremba All-Copper Evaporators, 500 sq. ft. each effect.
1—American 6' 2 Disc Rotary Continuous Filter.
6—Oliver 8' x 6' Rotary Hopper Dewaters. NEW.
1—Devine 4' x 15' Rotary Vacuum Dryer.
1—6' x 27'6" Rotary Steam Tube Dryer.
2—American 16" x 40" 3 Roller Mills, water cooled, motor driven.
4—Stokes Rotary B Tablet Machines.
7—Stokes, Colton, Mulford Single Punch Tablet Machines, 3B, 3D and "R".
3—Tyler Hummer Screens, 3' x 5', 4' x 5'.
2—Hardinge Ball Mills, 2' x 8", 4½' x 24".
7—Pebble Mills, 75, 100 gal.
1—Hurrell Colloid Mill, motor driven, 20 h.p. motor.
5—Copper Vacuum Pans, 42", 48", 5' and 6' dia.
5—1,200-lb. Brand New Powder Mixers.
6—Pfaudler Jktd. Agtd. Kettles, 100, 125, 200 gal.
2—60 and 125 gal. Alum. Jktd. Kettles.
10—Copper Jktd. Kettles, 25 to 150 gal., some agitated.
8—Steel Jktd. Kettles, 600 to 1,200 gal., some agitated.
4—W. & P. Mixers, 9, 20 gal.
1—Howes 24" x 12' Powder Mixer.
1—Williams No. 1 Hammer Mill.
1—Karl Kiefer Visco Piston Type Filler, motor driven.
5—World, Ermold Labelers.
1—60 gal. Cast Semi-Steel Autoclave, agitated, 3" wall.
6—Shriver, Sperry Filter Presses, 36", 32", 30", 24", 18", 12".
5—Shriver Wood Filter Press Skeletons, 24" to 42".
4—Sharples No. 6 Centrifuges, open and Presurtite.
3—De Laval No. 300, 600, 700 Clarifiers.
1—Tolhurst 40" Suspended type, Bottom Discharge Centrifugal, solid basket, M.D.
5—Tolhurst 32", 40", 48" Self-Balancing Type Centrifugals.
3—Buflovak Vacuum Drum Dryers, 24" x 20", 48" x 40", 8' x 6'.
4—Atmos. Drum Dryers, 4' x 9', 5' x 6', 6' x 12', 28" x 60".
2—Swenson Continuous Crystallizers, 24" x 30'.
1—Day 18" Pressure type ointment mill.
10—12" Belt Conveyors, 20 to 50' centers, built to specifications.
5—Rotary Dryers, 4' x 20' to 6' x 60'.

Partial List only. Your inquiries solicited. Send us your lists of surplus equipment.

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Equipment Co.
225 WEST 34th STREET
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Equipment so diversified adaptable for broad variety of Chemical and Industrial Plants and processes.

MACHINERY, EQUIPMENT, LAND, BUILDINGS, SUPPLIES

MAIN ITEMS

1—84" dia. all Copper RECTIFYING COLUMN.
15—All Copper RECTIFYING COLUMNS, 54", 48", 42", 40", 30" and 24" dia. Copper Tube Dephlegmators, Condensers, Calandrias, Preheaters, Still Pot, Instrument Controls, etc., for above column.

46—Steel Sheet surface CONDENSERS, each 150 1½"x7' copper tubes.
30—Miscellaneous Steel Storage TANKS, Vertical and Horizontal 200 to 22,000 gallon capacity. All clean on inside, used for alcohol.
18—All Bronze CENTRIFUGAL PUMPS, with stellited shafts, direct motor driven. Sizes 2½x1 and 1¼x1.
11—Miscellaneous STEAM PUMPS, from 20x14x16 to 4x4x5.
1—200 K.W. Allis Chalmers ENGINE GENERATOR SET, non-condensing, 3/60/480 volts.
1—750 KW NORDBERG CORLISS ENGINE GENERATOR SET, non-condensing, 3/60/480 volts.
4—6,000 gal. ARA steel TANK CARS.
1—No. 450 KELLY FILTER, iron leaves.

CHEMICAL LABORATORY

COMPLETELY EQUIPPED SAW MILL

COMPLETE UP-TO-DATE PLANING MILL

2—10-ton hand Cranes, 45', 38' span; 1 Northern 4-ton, 3-motor, 46' span.

MACHINE SHOP—Lathes, Shaper, Planer, Milling Machines, Emery Grinders, Drill Presses, Pipe Machines. ELECTRICAL EQUIPMENT: 10 TRANSFORMERS, 200, 10 K.V.A.

Large number of MOTORS, 1 HP to 150 HP, 3/60/440 and 2300 volts, induction and slip ring. Send for list.

Approx. 14 miles of standard gauge 56-lb. and 45-lb. RAIL.

Iron, Brass, Copper, Aluminum PIPE, FITTINGS, VALVES, 1" to 12", Copper Sheets, Tubes.

MISCELLANEOUS

60—Retort and Coolers, steel plate.
Complete Charcoal Iron BLAST FURNACE.
Air Compressors, Recording Instruments, Electrical Testing Instruments.
Miscellaneous: Large assortment of tools, wrenches, hammers, drills, torches, jacks, reamers, hoists, fans, valves, fittings, bolts, nails, railroad car supplies, shafting, pulleys, hangers, belting.

ASK for your copy of PRINTED CIRCULAR listing everything in detail.

WIRE - PHONE - WRITE

NEWBERRY MANUFACTURING COMPANY
P. O. Box 295, Newberry, Michigan
Telephone: Newberry 16
NEW YORK AGENT:
CONSOLIDATED PRODUCTS COMPANY, INC.
Send Inquiries to Either Address

MILLS

1—J.H. Day 16"x 40" Three Roller Mill—Slow Speed.

1—Lehman 12"x 30" Three Roller Mill—High Speed.

EMSCO EQUIPMENT COMPANY
EMIL A. SCHROTH, Owner
41 HYATT AVE., NEWARK 5, N.J.
Phone: Mitchell 2-3536

11—Sharples No. 5A Stainless Oil Purifiers, latest type, 2 H.P. Motor Driven.
2—Batteries (6 & 9) Tolhurst 40" Suspended Type Centrifugals, Motor Driven, Bottom Discharge.

1—Chrystie 80'x45' Rot. Dryer.
3—Oliver Rotary Vac. Filters, 8'x 10' and 5'x6'.
2—Dorr 15' Bowl Classifiers.
1—Hardinge 2'x8" Conical Ball Mill.
1—Gayco 3' Centrif Air Separator, motor driven.
1—Sturtevant 36" Rock Emery Mill.
1—W. & P. 9 gal Double Arm Mixer, 2 H.P. motor.
1—Sharples No. 6 Centrifuge, 2 H.P.
1—Hammer Mill, 7½ H.P.
1—Jeffrey No. 4 Single Deck Conveyor Screen.
1—Adamson 6" Extruder.
25—New stainless Steel Tanks, 100 to 1,000 gals.
2—6 spt. gravity Bottle Fillers.
New Water Stills, Gas and Elec.
4—Pony Mixers, 15 and 40 gals.
500-ft. Ball Bearing Roller Conveyor, 12" wide.
12—Filter Presses, Iron, Wood and Rubber, 18" to 42" sq.
4—Centrifugals, 20", 26" & 40".
5—0000 and No. 0 Raymond Mills.
1—Bonnot 27" dia. Iron Filter Press.
10—Closed Steel Vac. Kettles & Stills, up to 1,000 gals.
12—Vert. Jack. Agit. Kettles & Autoclaves to 1,500 gals.
2—250 & 1,500 gal. lead lined kettles.
1—250 gal. copper jack. vac. Still & Receiver.
1—Pfaudler 350 gal. Jack. Agit. Steel Kettle, Copper Lined.
1—700 gal. steel copper lined vac. Filter Tank.
6—20, 35, 75 & 250 gal. closed, jacketed Copper Kettles.
1—Dopp 50 gal. Jacketed Kettle.
15—50 gal. Steel mixing Tanks.
1—Blystone 2,000 lb. horiz. Paddle Type Steel Mixer.
6—Horizontal Mixers, 20 to 100 gals., Single & Double Arm.
1—Faust 150 gal. Spiral Mixer.
2—4,000 gal. Acid Proof Tanks.
1—Stokes No. 149B, 9"x9" Vac. Pump.
2—Devine Horiz. Vac. Pumps, 8"x6"x4"x6".
2—Worthington 12"x12"x12" Vac. Pumps.
1—National Acme Model C20 stainless Steel Centrifuge.
2—De Laval Multiple Clarifiers, 300 & 301.
2—Rotary Screens, 18"x72".
6—Attrition Mills & Disc Grinders up to 22".
1—Ross 16"x40", 3 Roll Mill.
3—Double Stand Steel 4 Roller Mills, 7"x18" to 7½"x30".
10—Iron Mills, 12", 14" & 18".
8—Stone Mills, 8" to 32".
6—Lead & Paste Mixers to 72 gals.
3—Copper Varnish Kettles, 200 gals.
25—Steel & Wood Tanks, up to 4,000 gals.
1—Schutz-O'Neal 20" Pulverizer.
2—Double Roll Crushers
1—Williams No. 3 "Regular" type Hammer Mill.
10—Electric Agitators, ¼ to 2 H.P.
20—Rotary, Centrif. & Triplex Pumps.
6—Gas Boilers, up to 10 H.P.

APPROVED DEALER
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STEIN EQUIPMENT COMPANY
Department E
426 BROOME ST., NEW YORK 13, N.Y.
CANAL 6-2147

Barber Asphalt Plans Oil Royalties Sale

An agreement has been concluded between Shell Petroleum, Ltd., London, and the Barber Asphalt Corporation, New York, under which the former will purchase all Barber's Venezuelan oil royalties for $25,000,000. The sale is subject to Barber's profit on the transaction being taxed as capital gain, and also is subject to approval by Barber stockholders.

SPECIALS!

31—WEAREVER Aluminum Jacketed Kettles—60 gal.
2—LEE S.S. Jacketed Kettles—80 gal.
3—GROEN Clad Steel Jacketed Kettles—80 gal.
1—PFAUDLER Jacketed Glass Lined Reactor—500 gal.
1—Copper Jacketed Kettle with Agitator—400 gal.
1—Copper Jacketed Kettle with Agitator—300 gal.
1—DEVINE No. 9 Vac. Shelf Dryer, 13 Shelves, 40"x42".
1—STOKES Atmospheric Double Drum Dryer, 24"x48".
1—BUFFALO Foundry Bronze Drum Dryer, 24"x30".
1—W. & P. Jacketed Mixer—20 gal. capacity.
1—W. & P. Jacketed Mixer—½ gal. capacity.
1—DAY Brighton Mixer — Monel Cans.
1—ROSS M.D. Pony Mixer—8 gal.
1—SHRIVER 12" C.I. Filter Press.

What have you for sale?

Send for Bulletin A-6

MACHINERY & EQUIPMENT CORPORATION (of N.Y.)
533 West Broadway New York 12, N.Y.
GRamercy 5-6680

EQUIPMENT
FOR CHEMICAL AND ALLIED INDUSTRIES

50—Closed, Aluminum, Rubber-Lined Tanks, 461 gals. capacity.

1—High Chrome Iron Tank, 6'x 30', ¼" plate.
1—Pfaudler Glass-Lined Storage Tank, 2,000 gals.
1—Pfaudler Glass-Lined Tank, Stainless Steel Agitator, 1/3 HP Motor, 500 gals.
1—Stainless Steel Holding Tank, 6 Compartments, 1,200 gals.
1—Nickel Jacketed Kettle, 400 gals.
10—Steel Brick-Lined Digestors, 6'x 20'.
10—Sharples Super-Pressurite Centrifuges, 3 HP Motors.
3—Buffalo Vacuum Dryers, 3'2"x 4'6", 5'10"x10'.
1—Shriver Iron Closed Delivery Filter Press, 24"x24".
1—Shriver Rubber-Lined Closed Delivery Filter Press, 12"x12".

R. GELB & SONS, INC.
UNION, N. J.
Est. 1886 UNionville 2-4900

LIQUIDATING

1—500 gallon Devine High Pressure Autoclave.
1—Dopp Steam Jacketed Mixing Kettle.
5—Copper Steam Jacketed Mixing Kettles.
3—Paterson Silex Lined Pebble Mills.
1—5000 gallon Steel Storage Tank.
30—High Pressure Water Tube Boilers from 250 H.P. to 600 H.P.
8—Turbo Generators, from 400 K.W. to 2750 K.W.
4—8000 gallon Steel Pressure Tanks.
75—Ton Cast Iron Pipe 8" to 18".
4—Permutit Water Softeners.
1—500 gallon Steam Jacketed Copper Kettle.
4—H & T Water Filters, 8' x 20'.
1—Nash No. 1 Engineering Pump, Type 960.

Republic **TEXTILE EQUIPMENT COMPANY**
40 Worth Street, New York 13, N.Y.
Phone: COrtlandt 7-1591

Business Wants and Offers

RATES PER INSERTION—PAYABLE IN ADVANCE

Help Wanted and Positions Sought—Minimum $2.00, thirty-six words or less; 35c for each additional six words.

All Other Classified Advertisements—$5.00 thirty-six words or less; 85c for each additional six words or fraction.

AGENCIES OFFERED

Eastern Territorial distributorship. Progressive line of varnishes, technical enamels, waterproofing, floor wax, cleaners, sealers and allied specialties with growing concern with plant in New England. A real opportunity for man with some capital and some familiarity in this field. OPD 904.

AGENCIES WANTED

Distributor of chemical products is interested in representing American manufacturers of fatty alcohol and sulphated fatty alcohols for export to England and Continent. Party maintains London office and can direct Continental sales from London. OPD 894.

FOR SALE

Some Flour Milling Machinery

Consisting of

ROLLERS
REELS
GYRATORS and
AUXILIARY EQUIPMENT

OLD DUTCH MUSTARD CO., Inc.
80 Metropolitan Avenue
Brooklyn 11, New York

EQUIPMENT OFFERED

For sale: slightly used four eyed closed delivery washing type 24 in. square aluminum filter press, with 18 plates and a set of stainless steel perforated screens all in perfect condition. OPD 915.

New Sturtevant blower-exhausters, R-17, ½ HP fully-enclosed capacitor motor with capacitor, 1930 C.F.M. Uses; ventilation, smoke and fumes removal, dust control. Positive rotor, 10 in. inlet and outlet. Box 401, Kingman, Arizona.

EQUIPMENT WANTED

Wanted—Up to 100 gross of 16-oz. ointment jars with lids. Submit sample. OPD 919.

Equipment Wanted—Latest machinery for orange and lemon juice and oil extraction, for export. Capacity, 20-30 tons of fruit juice daily. AC, 220 volts, 3 phase. Also for fruit juice concentration with preservation of the volatile aroma. OPD 905.

FACILITIES OFFERED

Wide variety of liquid mixtures recovered at nominal cost for drum and tank car lots. We handle simple and difficultly-separable mixtures. We are also interested in purchase of all types of crude mixtures. Inquiries solicited. All replies treated in strictest confidence. OPD 907.

INVESTMENT WANTED

Manufacturing business wanted. Returned veteran with $50,000 to invest wants to purchase controlling interest in small pharmaceutical or cosmetic manufacturing business. Current profits not as important as fundamental soundness and future prospects. Must stand rigid investigation. Replies treated in confidence. OPD 906.

MATERIALS OFFERED

Microcrystalline Wax; Durez Resin No. 1905; Chlorpropane Wax No. 130; Bakelite Resin BR-16190; Beeswax; Copper Carbonate; Copper Sulphate; Marbon B 1077; Jefferson Island Softee Salt Chlorate Talc Mix; Graphite; Irish Moss; Keigin Alginate; Diglycol Oleate; Nitrate Talc Mix; Pumice Stone; Piccolyte Sol; Butyl Rubber Sol; Acetylene Black. Subject to prior sale and/or withdrawal on an as-is where-is basis. OPD 903.

Unavailable chemicals: organic, pharmaceutical, and biochemical products. 10 to 1000 pound quantities made to your specifications. R.S.A. Corporation, Ardsley, N. Y.

MATERIALS WANTED

Off-grade or prime organic solvents such as acetates, alcohols, ketones, aromatic and aliphatic hydrocarbons. Also obsolete, contaminated or reclaimed lacquer thinners, solvent cleaners, reducers or allied solvent blends; in lots of 500 gallons or more. Describe fully stating shipping point and best price; or we will make offer. OPD 803.

To manufacturers and jobbers: Are you overstocked? We require immediately large or small lots, many items, chemicals, pharmaceuticals, solvents, aromatics, waxes, other supplies. Submit offerings at once. Correspondence treated confidentially. OPD 920.

Wanted: stannous chloride, C.P. in any quantity. Give quotations and stocks available. OPD 913.

POSITIONS VACANT

Lacquer and synthetic chemist for well established company. Able to formulate and develop new products. Real future for experienced capable man. Write or phone. Standard Coating Company, 455 Broad Avenue, Ridgefield, N. J. Chickering 4-4330.

Chemist-production manager: to make complete line of insecticides and household products, including self-polishing liquid and paste waxes, furniture polishes, disinfectants, etc. Also develop new items retailing from ten cents to $1.50, to be sold through grocer, drug, hardware, department, and variety stores. This is a good opportunity with a young company doing a national business, advertising nationally, and with an established national sales organization. Location, Birmingham, Alabama. Starting salary $300.00 per month with moving expenses paid. Will only consider man experienced in household products; not over 45 years old. Confidential. OPD 876.

Latin-American sales supervisor experienced in U. S. sales methods, compilation of sales manual, etc. Familiarity with markets and knowledge of the necessary languages essential; by manufacturing chemical company with own salesmen already established in the more important markets. Reply giving summary of educational and commercial history as well as salary expected to OPD 921.

Chief chemist wanted to take charge of quality control and development work on finishes for wood and metal. Must be thoroughly experienced. James B. Day & Co., 1872 Clybourn avenue., Chicago 14, Illinois.

Paint and varnish chemist: Medium size, well-known and progressive Eastern manufacturer has a really good opportunity to offer for a man who has general all-around experience with shelf goods, varnishes and industrials. Excellent salary and bonus arrangement. Rest assured your replies will be held strictly confidential. Our employees know of this ad. OPD 916.

Paint chemist for manufacture of package goods and industrial finishes—must be thoroughly familiar with the paint industry in general. Experienced formulator with ability to improve on old formulas and create new ones with original ideas. Answer give experience background, salary etc. Box No. 902.

Chemical engineer needed by manufacturer of complete line paints, lacquers, etc. Production experience a must—formulation of secondary importance. Must be capable of planning and working plans to handle men and machinery. Progressive company. Give full details as to background, availability, and starting salary. P. O. Box No. 805, Hoboken, New Jersey.

Rare opportunity—well organized territory now open for an interested salesman. Important essential oil firm now presenting this opportunity. Experience preferred. Results insure permanency. Write and mail promptly your qualifications in detail. Include a recent photograph if possible. Personal interview granted subsequently. Box No. 923.

POSITIONS WANTED

Chemists, chemical engineers, pharmacists, biologists and pharmacologists, and for executives and production managers in the chemical and related industries, phone COrtland 7-9650 or write Chemical Department, Position Securing Bureau (Agency), 45 John street, New York.

Plant chemist—B.S. 10 years' diversified production experience handling equipment, control, men, records. Capable charge small plant or unit. OPD 922.

Hunter graduate. B.A., majored in chemistry. Seeks connection with research laboratory, knowledge of three languages, ambitious, capable, personable. Box No. 910.

Chemist. Bachelor of Science, 25, ex Army Officer, desires opportunity in Metropolitan New York area. No previous paint, oil, or drug experience; can learn. Some experience in metal analysis, production work preferred. OPD 909.

Cosmetic chemist: lipstick, rouge, cream, powder. Formulation and production experience with leading cosmetic houses. Seeks connection with firm interested in improving present products or developing new ones. OPD 908.

Female executive secretary 6 years experience, B.S. chemistry, technical editing and abstracting, administrative aid. OPD 918.

Young chemist, graduate, experienced in soaps and synthetic detergents, seeks position in Midwest. OPD 901.

POSITIONS WANTED

Pharmacist-druggist registered, desires change to specialized work in drug, chemical, cosmetic or allied line. Has had retail drug experience. Adjustable to sales, manufacturing, production, buyer. Reference. OPD 900.

Research chemist Ph.D. Expert and consultant in animal glues, gelatine, liquid glue, resinous glue, casein glue, blood albumen and other adhesives. (Own methods). Development, manufacturing. OPD 911.

Chemist, manufacturing, process development drugs, pharmaceuticals, essential oils. Capable department management. OPD 917.

SERVICES OFFERED

New and modern equipment for quantity tube filling, also powder and liquids; the production of all types of tablets, expert coating. Two research laboratories, to handle all phases of chemical and biological assays, testing of materials, etc. Contract work a specialty. Lanteen Medical Laboratories, Inc., 900 N. Franklin street, Chicago 10, Ill.

Complete branch facilities offered. Jamaica area, office staff, 5000 cu. ft. storage space, delivery service. Sales handled by well seasoned business administration executive. Experienced drugs, chemicals, cosmetics or allied. Brooklyn or Long Island territory. OPD 912.

SERVICES WANTED

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Trade Briefs

Mike Firstenberg, president of the Chemical & Process Machinery Corporation, New York, who has been seriously ill since last March, is recovering and is expected to be back at his desk in early September.

George D. Wartman has been made national manager of department store sales for the Sherwin-Williams Company, paint manufacturer, Cleveland. He has been central zone manager of department store sales for the past year.

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Corporation Earnings

Air Reduction Co.

Net income, 6 months, June 30	1,739,689	2,894,708
Per share	.63	1.02

Climax Molybdenum Co.

Net income, June 30 quarter	634,384	1,536,296
Per share	.23	.74

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Per share	.14	1.24

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Prevent greening of dipping lacquers in the tank

Restore original color of lacquers already turned green

PREVENTION of greening of dipping lacquers is accomplished by simply adding STABILISAL C to the dipping lacquer before using it.

RESTORING original color of dipping lacquers already turned green is accomplished by adding STABILISAL C in recommended amount to such lacquer, thus reclaiming it for satisfactory use.

AMOUNTS TO USE will depend somewhat on the stability of the cellulose nitrate, the acidity of the resins and solvents present, and on the ease with which the solvents hydrolize. Normally, it is well to start off with an addition of one part of STABILISAL C to 300 or 400 parts of the lacquer as actually used.

PROCEDURE — STABILISAL C is a liquid which is readily measured out and easily mixed into the lacquer. There is no special procedure needed and there will be no effect on the lacquer's performance otherwise as regards durability, adhesion, or other essential characteristics.

SPECIFICATIONS	
Color	Amber
Specific Gravity	1.0999 — 1.01 @ 25°C
Lbs. per gallon	8.41

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